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Lancaster Farming

VOL. 35 No. 27 | 50¢ Per Copy | Lancaster Farming, Saturday, May 19, 1990 | Four Sections | $15.00 Per Year

NEW PROVIDENCE (Lancaster Co.)—Because of the early break in the weather, Lancaster County's famous cash crop, tobacco, got a head start this year along with other field crops. Reports from farmers indicate that some tobacco has already been planted in the Quarryville and Ephrata areas.

But not all tobacco seed beds are created equal this year. Donald Rohrer, Strasburg, said farmers who planted their seed dry in March were caught in those five or six days of record high temperatures. And some of the seed didn't sprout.

County Agent Jay Irwin said the good weather has brought all the crops on about 10 days earlier this year. As for crop acres, Irwin said, "I have not heard much about farmers wanting to cut back. So I expect we will have about the same number of acres as last year."

On the Harold S. Hess Farm in New Providence Monday afternoon, son Dale was spraying the tobacco beds with a fungicide. These three beds of plants looked very good. The Hesses expect to plant about 14 acres this year. And they supply plants for neighbors too.

Photo by Everett Newswanger

W. Va. Fruit Research Station Develops New Varieties

ANDY ANDREWS
Lancaster Farming Staff

KEARNEYSVILLE, W.Va. — And you thought growing peach trees took a long time.

It takes even longer to *breed* peaches. From the time a species ot peach, nectarine, or other fruit tree is hand-pollinated in the field until the fruit is weighed at the grocery store often takes as long as 25 or 30 years.

But it's all part of the job for the fruit scientists based in this small town located southeast of Martinsburg. The Appalachian Fruit Research Station (AFRS), directed by the USDA's Agricultural Research Service (ARS), is one of 120 ARS locations.

Totalling 500 acres, more than 250 acres of land are planted with apples, peaches, pears, appricots, and plums. A staff of 21 includes agronomists, research horticulturists, and a molecular biologist.

Cold spring

Because of the excessively cold spring this year, many Northeast fruit trees were damaged. Orchardists and other fruit growers look to some of the multidisciplinary research this station performs for local extension offices and, ultimately, the fruit farmer. Because of the frost, research is in "full bloom," as it were, on plant phys-

(Turn to Page A32)

Livestock Auctions Are Living History

VERNON ACHENBACH, JR.
Lancaster Farming Staff

VINTAGE (Lancaster Co.) — Perhaps no other aspect of rural life is more poignant than the changing direction of marketing livestock.

Just how long livestock auctions can viable in light of the changing farm scene is hard to predict.

According to one man who has seen the changes for more than a quarter century, the survival of these historic and culturally significant landmarks depends on the survival of a certain type of farmer upon whose patronage these auction barns exist.

To John Zimmerman, director of the livestock division of the state agriculture department, the apparent course of local livestock auctions is a saddening picture that reflects an irreversible change in agriculturally-dependent living.

Today the auctions are still central to business by certain factions

(Turn to Page A36)

U.S. Ag Secretary Names Members To Dairy Board

WASHINGTON, DC-Secretary of Agriculture Clayton Yeutter recently announced the appointment of 11 new members and one incumbent to the National Dairy Promotion and Research Board for three-year terms beginning May 1 .

Newly appointed are: (region 2)

(Turn to Page A28)

The newly crowned Berks County Dairy Princess Suzann Moyer is the daughter of Karen and Ray Moyer, the managers of Junge Farms. Turn to page A 38 to read more about the pageant.

Lancaster Co. Livestock Market Auctions

Lancaster Livestock
Monday, May 14, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	1479	67	247	1083	269
Last Monday's Auction	1329	53	269	1059	219
Last Year's Auction	1425	51	196	1108	294

CATTLE: High Choice and Prime slaughter steers 1.00-2 00 lower, Select to average Choice mostly 1.00 lower; slaughter heifers 1.00 higher than last Monday; cows firm to 1.00 higher; bullocks and bulls fully steady. Supply includes and estimated 75% slaughter steers, 11% slaughter heifers, 8% cows, and 6% bulls.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1175-1350 lb 79.00-80.35, few head Choice and Prime 2-3 1100-1275 lb 80.75-82.25; Choice 2-3, few 4 1100-1450 lb 76.35-78.50, few 78.50-79.25; Select and low Choice 2-3 1000-1475 lb 73.25-76.50. HOLSTEINS: Choice and Prime 1295-1400 lb 70.75-73.00; Choice 1100-1510 lb 67.00-70.25; Select 1050-1500 lb 64.75-66.50.

SLAUGHTER HEIFERS: Choice 2-3 1100-1250 lb 73.75-77.50; few high Choice and Prime 2-3 1100-1200 lb 77.00-78.00; Select 2-3 900-1200 lb 67.50-74.00.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility and Commercial 2-3 57.00-59.00 59.00-61.00 Commercial 3-4 52.50-56.00 Cutter and Boning Utility 1-2 53.50-57.00 57.00-59.00 Canner and low Cutter 52.00-54.50

BULLOCKS: Choice 2-3 1100-1350 lb 67.75-70.75, couple 71.50-76.50; Select 1-3 1150-1300 lb 63.75-66.50.

BULLS: Yield grade 1 1350-2135 lb 68.00-72.00, 20 head 73.00-78.25, with an individual 1705 lb 81.00; yield grade 2 1050-1500 lb 64.75-67.50, few low dressing 60.75-63.00.

VEAL CALVES: Vealers steady; slaughter calves fully steady. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Few Choice 200-310 lb 105.00-115.00, high Good and low Choice 140-320 lb 85.00-100.00, 80-110 lb 83 00-90.00; Standard and low Good 65-80 lb 75.00-83.00.

SLAUGHTER CALVES: Good and Choice 280-450 lb 75.00-85.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 150.00-185.00; few 95-115 lb Holstein heifers 150.00-175.00.

HOGS: Compared to last Wednesday barrows and gilts 1.00-2.00 higher; sows firm to 1.00 higher.

BARROWS AND GILTS: US 1-2 210-250 lb 61.50-61.75. US 1 few 215-235 lb 62.00. US 1-3 210-265 lb 60.50-61.25.

SOWS: US 1-3 300-500 lb 50.00-55.00, 500-650 lb 54.00-57.00.

BOARS: All weights 48.00-50.00.

SHEEP: Spring lambs steady, slaughter ewes firm to 5.00 higher.

SPRING LAMBS: Choice and Prime 75-110 lb 70.00-75.00; Choice 60-75 lb 70.00-80.00, few 35-55 lb 80 00-110.00.

WOOLED LAMBS: Choice and Prime 80-110 lb 60.00-65.00; few Good to low Choice 70-105 lb 55.00-60.00.

SLAUGHTER EWES: Utility and Good 15.00-35.00; Yearlings and two-year olds 35.00-55.00.

GOATS: All goats sold by the head. Large 75.00-110.00, few Billies 110.00-130.00, Thin 55.00-75.00; Medium 50.00-65.00, thin 45.00-60.00; Small, mainly kids, 30 00-40 00, few fleshy 40 00-50 00

Vintage Livestock Auction
Paradise, Pa.
Tuesday, May 15, 1990
Report Supplied by USDA

CATTLE 1011...USDA...(Supply included 63% steers and 30% cows).. Compared with Monday's market: Slaughter steers uneven, High Choice and Prime open about steady, later firm to .50 higher, Select to average Choice weak to 1.00 lower, early sales mostly 1.00 lower; Heifers steady; Cows mostly stady; Bullocks absent; Bulls steady. High Choice & Prime 3-4, 1175/1400 lbs. sl. steers 79.60-80.50, Choice & Prime 2-3, 1150/1350 lbs. 78.75-80 75, couple 81&82.10, Choice 2-3 few 4, 1150/1450 lbs. 75.75-78.50, few 79.00, Choice 2-3, 1040/1150 lbs. 74.85-76 35, Select & low Choice 2-3, 1000/1350 lbs. 73.50-76 00, Choice & Prime 1390/1470 lbs. Holsteins 69.75-74.00, Select & low Choice 1160/1400 lbs. 60.25-65.75. Choice 2-3, 935/1080 lbs. sl. heifers 73.00-76.10. Breaking Utility & Commercial 2-3, bulk 54.50-58, high dressing 58.00-61.25, Commercial 3-4, 52.50-55.00, Cutter & Boning Utility 1-2 bulk 55.00-59.00, high dressing 59.00-60.50, low dressing 52.75-55.00, Canner & Low Cutter bulk 51.50-54.50, low dressing 48.50-51.50. Yield Grade No. 1, 1400/2100 lbs. sl. bulls 66.00-69.50, couple 1525/1655 lbs. 71.75-72.75, No. 2, 1150/1500 lbs. 62.75&66.00.

CALVES 646... Supply included 556 in graded sale of which 88% sold to return to farm ...Vealers not fully tested, small supply firm to 5.00 higher. Couple Choice 185/255 lbs. 110.00&118.00, High Good & low Choice 80/110 lbs. 87.00-94.00, couple lots Standard & low Good 60/75 lbs. 60.00-79.00. Farm Calves: Holstein Bulls 120/125 lbs. 181.00, 90/115 lbs. 190.00-199.00, 90 lbs. 169.00-174, 80/85 lbs. 120.00, Small frame 100/120 lbs. 150.00-160.00, 80/95 lbs. 93.00-100.00; Hol. Heifers 100/115 lbs. 160.00-165.00, 80/95 lbs. 94.
00-100.00.

SHEEP 18...Few Choice 55/75 lbs. spring slaughter lambs 74.00-78.00.

GOATS 0...No Market test.

Lancaster Livestock Auction
Lancaster, Pa.
Wednesday, May 16, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Auction	19	0	317	0	0
Last Wednesday's Auction	26	0	240	0	0
Last Year's Auction	126	0	296	0	0

CATTLE: Insufficient volume for a market test.

VEAL CALVES: No market test.

HOGS: Compared to Monday barrows and gilts mostly steady; small supply sows 1.00-2.00 lower.

BARROWS AND GILTS: US 1 Few 215-235 lb 62.00-62.50. US 1-3 210-260 lb 60.50-61.00.

SOWS: US 1-3 350-500 lb 50.00-52.00.

SHEEP: No market test.

GOATS: No market test.

Dewart Livestock Auction
Dewart, Pa.
Monday, May 14, 1990
Report Supplied by PDA

CATTLE 127...PDA...Compared with last Monday's market: Slaughter cows 1.00 higher. Few Select slaugher steers 74.00-75.00; few Select and Choice Holsteins 66.75-72.00. One Choice sl. heifer 71.00, few Select 64.00-67.00. Breaking Utility & Commercial sl. cows 52.50-55.50, one 56.50, Cutter & Bon. Utility 52.00-56.25, Canner & Low Cutter 47.75-52.00, Shells down to 46.00. Few Yield Grade No. 1, 1220/1500 lbs. sl. bulls 60.50-68.00. Feeder Cattle: Medium Frame No. 1, 300/600 lbs. heifers 76.00-91.00.

CALVES 107...One Good vealer 107.00, few Utility and Standard 65/85 lbs. 72.00-84.00. Farm Calves: Holstein Bulls No. 1, 85/135 lbs. 170.00-205.00, No. 2, 95/135 lbs. 120.00-170, few down to 90.00; Hol. Heifers 85/125 lbs. 130.00-180.00, one down to 90.00.

HOGS 54...Few Lots US 1-3 260 lbs. 61.10-61.60, lot No. 2-3 290 lbs. 54.50. Few US No. 1-3 380/465 lbs. sows 52.00-54.00. Few Boars 45.00-48.00.

FEEDER PIGS 53...Lot US No. 1-3 30/40 lbs. feeder pigs 39.50-44.00 --- all per head.

SHEEP 5...Few Choice 75/80 lbs. spring slaughter lambs 77.00-78.50.

GOATS 0...No market test.

New Holland Livestock Auction
New Holland, Pa.
Thursday, May 17, 1990

	Cattle	Calves	Sheep	Goats
Today	1289	409	167	50
Last Thursday	1379	479	242	65
Last Year	1429	356	133	56

CATTLE: Slaughter steers steady to weak; slaughter heifers steady; cows 1.00-2.00 lower, although Canner and low Cutter steady to weak; bullocks steady; bulls steady to weak. Supply included 66% slaughter steers and 22% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1275-1400 lb 78.85-80.25; few Choice 2 1175-1275 lb 80.00-81.25; Choice 2-3, few 4 1100-1450 lb 75.85-78.25, couple lots 1090-1105 lb 74.85-75.10; Select and low Choice 2-3 1050- 1400 lb 72.75-75.00. HOLSTEINS: Choice 1240-1560 lb 65.25-69.25, few high Choice and Prime 1375-1450 lb 70.50-72.85; Select 1065-1540 lb 60.00-65.00.

SLAUGHTER HEIFERS: Choice 2-3 1030-1225 lb 74.75-78.25; Choice 3-4 1050-1325 lb 72.85-73.00; few Select 2-3 975-1125 lb 70.00-73.60.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility and Commercial 2-3 53.00-56.50 57.25-59.75. Commercial 3-4 48.75-53.50. Cutter and Boning Utility 1-2 52.50-54.00 54.00-57.50 57.50-59.00. Canner and low Cutter 48.25-51.00 51.00-54.25.

BULLOCKS: Choice 2-3 1150-1450 lb 68.50-70.25, couple 71.00-72.25; Select 1-3 1050-1300 lb 63.00-67.75.

BULLS: Yield grade 1 1300-2000 lb 67.25-68.50, few 70.50-71.50; yield grade 2 1050-1500 lb 65.00-67.00.

VEAL CALVES: Vealers steady, instances 5.00 higher on Choice and Prime. Demand very good for Holstein bulls and heifers to return to farm.

VEALERS: High Choice and Prime 235-395 lb 130.00-139.00, couple 250-285 lb 145.00-147.00; Choice 140-420 lb 110.00-126.00; high Good and low Choice 165 355 lb 88.00-100.00, couple 100.00-108.00, 80-110 lb 83.00-92.00; few Standard and low Good 70-85 lb 75.00-85.00.

RETURN TO FARM: Bulk 95-125 lb Holstein bulls 170.00-200.00, few 200.00-210.00; small frame 85-115 lb 110.00-165.00; bulk 95-120 lb Holstein heifers 180.00-210.00, few 210.00-220.00; small frame 85-110 lb 135.00-175.00.

SHEEP: Slaughter lambs and slaughter ewes steady.

SPRING LAMBS: Choice and Prime 70-95 lb 76.00-86.00, 45-55 lb 94.00-96.00, few 30-40 lb 101.00-109.00; Good to low Choice 65-95 lb 62.00-72.00.

SLAUGHTER EWES: Utility and Good 18.00-28.00, few Yearlings and two-year olds 32.00-45.00.

GOATS: All goats sold by the head. Large 80.00-93.00, three head 115.00-122.00; Medium 54.00-74.00; Small, mainly kids, 45.00-65.00, few thin 36.00-44.00.

Lancaster County Weekly
Lancaster, Pa.
Friday, May 18, 1990

	Cattle	Calves
This Week	3900	1125
Last Week	4004	1099
Last Year	4438	835

CATTLE: Slaughter steers 1.00-2.00 lower, extremes 3.00 lower; slaughter heifers steady; cows 1.00 lower, instances 2.00 lower; bullocks and bulls steady. Supply included 67% slaughter steers, 7% slaughter heifers, 18% cows, 5% bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 2-4 1175-1400 lb 78.85-80.50; few Choice and Prime 2-3 1100-1350 lb 79.50-81.25, couple to 82.25; Choice 2-3 few 4 1100-1450 lb 75.75-78.50; Choice 2-3 1040-1150 lb 74.85-76.35; Select and low Choice 2-3 1050-1400 lb 72.75-76.00. HOLSTEINS: Choice and Prime 1295-1470 lb 70.50-74.00; Choice 1100-1560 lb 65.25-70.25; Select 1050-1540 lb 60.00-66.00.

SLAUGHTER HEIFERS: Choice 2-3 1030-1250 lb 73.75-77.50; few High Choice and Prime 2-3 1100-1200 lb 77.00-78.25; Choice 3-4 1050-1325 lb 72.85-73.00; Select 2-3 900-1200 lb 67.50-74.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility and Commercial 2-3 53.00-58.00 58.00-61.25 Commercial 3-4 50.00-55.00 Cutter and Boning Utility 1-2 52.50-54.00 54.00-57.50 57.50-60.50 Canner and low Cutter 48.25-51.00 51.00-54.50.

BULLOCKS: Choice 2-3 1100-1450 lb 67.75-70.75, couple 71.50-76.50; Select 1-3 1050-1300 lb 63.00-67.75.

BULLS: Yield grade 1 1350-2135 lb 67.25-72.00, 20 head 73.00-78.25; yield grade 2 1050-1500 lb 64.75-67.50, few low dressing 60.75-63.00.

VEAL CALVES: Vealers firm to 5.00 higher; slaughter calves steady. Demand very good for Holstein bulls and heifers to return to farm.

VEALERS: High Choice and Prime 235-395 lb 130.00-139.00, couple 250-285 lb 145.00-147.00; Choice 140-420 lb 110.00-126.00; high Good and low Choice 140- 355 lb 85.00-100.00, couple 100.00-108.00, 80-110 lb 83.00-94.00; few Standard and low Good 60-85 lb 60.00-85.00.

SLAUGHTER CALVES: Good and Choice 280-450 lb 75.00-85.00.

RETURNED TO FARM: Bulk 95-125 lb Holstein bulls 169.00-200.00, few 200.00- 210.00; small frame 85-120 lb 110.00-165.00, few 80-90 lb 93.00-100.00. Bulk 95-120 lb Holstein heifers 160.00-210.00, few 210.00-220.00; small frame 90- 110 lb 135.00-175.00, few 80-90 lb 94.00-100.00.

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9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M —Veal Calves, Lambs
FRIDAY
11:00 A.M. —Stocker and Feeder Cattle
SATURDAY
8:00 A.M. —Slaughter Hogs
Next Graded Feeder Cattle Sale
Fri., May 25 - 11:00 A.M.
Graded Cattle sold in lots of 10 or more
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TUESDAY
11:00 A.M.
SLAUGHTER CATTLE AUCTION— STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY— OUR STATE GRADER STARTS AT 1:00 P.M.
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1:00 P.M.
HAY, STRAW & GRAIN SALE
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Hog Markets

Lancaster Hogs

Lancaster Stockyards
Sat., May 12, 1990
Report supplied by auction

850 HEAD.
US 1 215-245 LBS. 62.75.
US 1-2 215-245 LBS. 62.00-62.50.
US 1-3 215-245 LBS. 61.50-62.00.
US 2-4 215-255 LBS. 59.50-60.50.
GOOD SOWS: 51.00-56.50.
MEDIUM SOWS: 48.00-51.50.
THIN SOWS: 40.00-45.00.
HEAVY BOARS: 48.50-50.00.
LIGHT BOARS: 48.50-50.00.

Indiana Hogs

Indianapolis, Ind.
Wednesday, May 16, 1990

USDA INDIANA DIRECT HOGS 51. BARROWS AND GILTS STEADY TO .25 HIGHER. DEMAND MODERATE TO GOOD EARLY, TURNING LIGHT LATE.

US 1-2 220-260 LBS. 60.25-61.25, SOME TO 61.50, FEW DOWN TO 60.00 PLANT DELIVERED TO 61.75; 210-220 LBS. 58.50-60.25.

US 1-3 210-260 LBS. 58.50-60.50.

SOWS: 1.00 - 2.00 LOWER.

US 1-3 300-500 LBS. 46.00-48.00, FEW TO 50.50; 500-650 LBS. 47.00-50.00.

INDIANA DIRECT RECEIPTS: TUESDAY'S ACTUALS 17,100 TODAY'S ESTIMATE 12,500 WEDNESDAY WEEK AGO 15,900 WEDNESDAY YEAR AGO 15,600 WEEK TO DATE 47,800 SM PD WEEK AGO 50,300 SM PD YEAR AGO 40,700.

CARCASS BASIS HOG PRICES: HOT WEIGHTS: PLANT DELIVERED. 160-185 LBS. BARROWS & GILTS: STEADY TO .35 HIGHER.

US 1 (BACKFAT THICKNESS .5-.79 IN.) 84.53 TO 89.

US 1 (BACKFAT THICKNESS .8-.99 IN.) 83.23 TO 85.30 US 2 (BACKFAT THICKNESS 1.00-1.24 IN.) 81.65 TO 84.30 US 3 (BACKFAT THICKNESS 1.25-1.49 IN.) 80.65 TO 83.80 US 4 (BACKFAT THICKNESS 1.50-1.79 IN.) 79.15 TO 80.65

ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

New Holland Hogs

May 14, 1990

1000

TREND: Compared to last Monday barrows and gilts 2.50-3.00 higher.

BARROWS AND GILTS: US 1-2 210-255 lb 61.50-63.00.

US 1 210-235 lb 63.50-63.75.

US 1-3 210-265 lb 59.00-61.00, Mainly 60.00-61.00.

New Holland Hog Auction

Lancaster, Pa.
Monday, May 14, 1990

Hog Receipts:

Today	1003
Last Monday	931
Last Year	698

TREND: Compared to last Monday barrows and gilts 2.50-3.00 higher; sows steady.

BARROWS AND GILTS: US 1-2 210-255 lb 61.50-63.00.

US 1 210-235 lb 63.50-63.75.

US 1-3 210-265 lb 59.00-61.00, Mainly 60.00-61.00.

SOWS: US 1-3 300-500 lb 51.50-54.00. 500-650 lb 55.00-57.25.

State Graded Feeder Pig Sale

at Carlisle Livestock Auction
Friday, May 11, 1990

TREND: RESULTS ON 1581 PIGS. TREND: COMPARED TO APRIL 27, STATE GRADED SALE PIGS WERE ACTIVE 5.00-15.00 HIGHER. ALL PIGS WERE WEIGHED ON ARRIVAL AND SOLD BY THE HUNDREDWEIGHT.

US 1-2: 739 HEAD. 39 HEAD 35-39 LBS. 121.00-143.00; 301 HEAD 41-49 LBS. 128.50-143.50; 297 HEAD 50-59 LBS. 122.00-142.00; 71 HEAD 62-69 LBS. 111.50-126.00; 31 HEAD 71-79 LBS. 96.50-99.50.

US 2: 702 HEAD. 123 HEAD 29-39 LBS. 126.00-132.00; 324 HEAD 42-49 LBS. 118.00-143.00; 11 HEAD 40 LBS. WITH TAILS 102.00; 172 HEAD 50-59 LBS. 123.00-144.00; 46 HEAD 60-69 LBS. 115.00-120.00; 26 HEAD 70-82 LBS. 93.00-101.00.

US 2 AND 3: 86 HEAD. 15 HEAD, 25-27 LBS. 126.00-136.00; 20 HEAD 33-39 LBS. 115.00-121.00; 51 HEAD 42-59 LBS. 110.00-130.00.

LATE CUTS: 11 HEAD 31 LBS. 126.00.

UTILITIES: 21 HEAD 22-44 LBS. 56.00-86.00.

AS IS: 22 HEAD, 50 LBS. 77.00.

NEXT STATE GRADED SALE FRIDAY, MAY 25, 1:30 P.M. GRADING 7:30-11:30 A.M.

NOTE: NO HAY SALE UNTIL FALL.

Peoria Hogs

Peoria, Illinois
Thursday, May 17, 1990

FEDERAL-STATE OPENING HOGS: 1800 TRADING ACTIVE. BARROWS AND GILTS OPENING MOSTLY 1.00 HIGHER COMPARED WITH WEDNESDAY. SUPPLY MAINLY US 1-3 230-260 LBS.

US 1-3 220-250 LBS. 63.00-63.75, VOLUME 63.50 2-3 230-260 LBS. 62.00-63.00.

SOWS: STEADY TO .50 LOWER 17%. US 1-3 325-500 LBS. 52.00 500-650 LBS. 51.00.

Hay & Grain Markets

Pa. Grain

May 14, 1990
Report supplied by PDA

COMPARED WITH LAST TUESDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN STEADY TO .15 HIGHER; WHEAT UNEVENLY STEADY; BARLEY MOSTLY STEADY; OATS STEADY TO STRONG; SOYBEANS UNEVEN, MOSTLY STEADY TO .10 HIGHER; EAR CORN MOSTLY STEADY TO STRONG.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 3.10-3.34, AVERAGE 3.19, FEW REPORTED CONTRACT FOR HARVEST 2.80-3.00; @WHEAT NO. 2 RANGE 3.74-3.84, AVERAGE 3.80, FEW REPORTED CONTRACT FOR HARVEST 3.20-3.40; BARLEY NO. 3 RANGE 1.90-2.40, AVERAGE 2.13, FEW REPORTED CONTRACT FOR HARVEST 1.90-2.25; OATS NO. 2 RANGE 1.50-1.85, AVERAGE 1.70, FEW REPORTED CONTRACT FOR HARVEST 1.10; SOYBEANS NO. 1 RANGE 5.90-6.23, AVERAGE 6.13, FEW REPORTED CONTRACT FOR HARVEST 6.15-6.40; FEW REPORTED GR. SORGHUM #2 RANGE 2.75, AVERAGE 2.75; FEW REPORTED CONTRACT FOR HARVEST 2.70; FEW REPORTED PER HUNDREDWEIGHT RECLEANED 15% BUCKWHEAT FEW REPORTED CONTRACT FOR HARVEST 8.15; AVERAGE NEW EAR CORN RANGE 80.00-94.00, AVERAGE 87.79.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.85-3.25, AVERAGE 3.03; @WHEAT NO. 2 RANGE 3.45-3.70, AVERAGE 3.57; BARLEY NO. 3 RANGE 1.95-2.35, AVERAGE 2.14; OATS NO. 2 RANGE 1.70-1.80, FEW REPORTED 1.40, AVERAGE 1.67; FEW REPORTED SOYBEANS NO. 1 RANGE 6.10, AVERAGE 6.10; AVERAGE NEW EAR CORN RANGE 70.00-88.00, AVERAGE 77.88.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.90-3.30, AVERAGE 3.11; @ WHEAT NO. 2 RANGE 3.45-3.90, AVERAGE 3.73; BARLEY NO. 3 RANGE 1.90-2.40, AVERAGE 2.14; OATS NO. 2 RANGE 1.50-1.85, AVERAGE 1.68; SOYBEANS NO. 1 RANGE 5.60-6.23; AVERAGE 6.00; AVERAGE NEW EAR CORN RANGE 75.00-92.00, AVERAGE 83.62.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.85-3.20, AVERAGE 3.04; @WHEAT NO. 2 RANGE 3.45-4.00, AVERAGE 3.76; BARLEY NO. 3 RANGE 2.00-2.35, AVERAGE 2.18; OATS NO. 2 RANGE 1.50-1.80, AVERAGE 1.66; SOYBEANS NO. 1 RANGE 5.40-6.10, AVERAGE 5.81; FEW REPORTED GR. SORGHUM #2 RANGE 2.60, AVERAGE 2.60; AVERAGE NEW EAR CORN RANGE 77.00-88.00, AVERAGE 81.86.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.85-3.11, FEW REPORTED 3.30, AVERAGE 3.03; @WHEAT NO. 2 RANGE 3.55-3.75, AVERAGE 3.65; BARLEY NO. 3 RANGE 2.10-2.15; AVERAGE 2.13; OATS NO. 2 RANGE 1.50-2.00, AVERAGE 1.79; FEW REPORTED SOYBEANS NO. 1 RANGE 5.90, AVERAGE 5.90; AVERAGE NEW EAR CORN RANGE FEW REPORTED 79.00-85.00, AVERAGE FEW REPORTED 82.00.

MONTH AGO

CORN NO. 2-Y 2.90; @WHEAT NO. #2 3.77; BARLEY NO. 3 2.14; OATS NO. 2 1.64; SOYBEANS NO. 1 5.67; AVERAGE EAR CORN 79.69.

YEAR AGO

CORN NO. 2-Y 3.07; @WHEAT NO. #2 3.79; BARLEY NO. 3 2.40; OATS NO. 2 2.14; SOYBEANS NO. 1 7.23; AVERAGE NEW EAR CORN 95.93.

Regional Hay

May 14, 1990
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY STEADY TO WEAK; STRAW STEADY.

ALFALFA 85.00-120.00; MIXED HAY 60.00-110.00; TIMOTHY HAY 55.00-100.00; STRAW 55.00-90.00; MULCH 30.00-40.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 5/11/90. PRICES PER TON: LOADS: 253 HAY, 81 STRAW, AND 30 EAR CORN.

ALFALFA 90.00-192.00; MIXED HAY 80.00-162.00; TIMOTHY HAY 94.00-145.00; STRAW 86.00-130.00; EAR CORN 95.00-117.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 5/11/90. PRICES PER TON: LOADS: 186 HAY, 30 STRAW & 7 EAR CORN.

ALFALFA 99.00-170.00; MIXED HAY 60.00-130.00; TIMOTHY HAY 60.00-127.50; STRAW 45.00-91.00; EAR CORN 75.00-105.00.

King's Hay

Kirkwood, Pa.
Tuesday, May 15, 1990
Report Supplied by Auction

45 LOADS OF HAY.

ALFALFA AND ALFALFA MIX: 54.00-195.00.

MIXED HAY: 54.00-126.00.

TIMOTHY AND TIMOTHY MIX: 100.00-119.00.

GRASS HAY: 68.00-94.00.

STRAW: 80.00-109.00.

EAR CORN: 97.00 AND 98.00.

WOOD SHAVINGS: 1.90 BAG.

Diffenbach Auction Center

New Holland, PA
Monday, May 14, 1990
Report Supplied by Auction

TOTAL LOADS: 179.
ALFALFA: 70.00-230.00.
MIXED HAY: 54.00-195.00.
TIMOTHY: 52.00-165.00.
ORCHARD GRASS: 80.00-97.00
STRAW: 75.00-175.00.
EAR CORN: 86.00-105.00.
OATS: 2.15-2.30 BU.

This sale was formerly held at the New Holland Sales Stable. It is now held at Diffenbach's New Holland Auction Center Ltd. located at 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Mondays.

Leinbach's Hay

Shippensburg, PA
May 12 and 15
Report Supplied by Auction

TOTAL LOADS: 61.
ALFALFA: 50.00-185.00.
MIXED HAY: 45.00-125.00.
TIMOTHY: 42.00-97.00.
GRASS: 60.00-108.00.
STRAW: 30.00-80.00.
OATS: 1.95-2.00 BU.
MULCH HAY: 20.00-30.00.

Green Dragon Hay

Ephrata, Pa.
Friday, May 12, 1990
Report Supplied by Auction

TOTAL LOADS: 137.
MIXED HAY: 50.00-202.00.
ALFALFA: 52.00-162.00.
TIMOTHY: 60.00-160.00.
CLOVER: 57.00.
STUBBLE HAY: 74.00 AND 104.00.
GRASS: 60.00-85.00.
STRAW: 66.00-140.00.
EAR CORN: 90.00-110.00.
OATS: 1.70-2.30 BU.
NEWSPAPER: 30.00.

Vintage Hay

Paradise, PA
Thurs., May 17, 1990
Report Supplied by Auction

TOTAL LOADS: 15.
STRAW: 87.50-102.50.
MIXED HAY: 50.00-97.50.
EAR CORN: 97.50.
ALFALFA: 77.50-127.00.

Good's Hay

Leola, Pa.
Wed., May 16, 1990
Report Supplied by Auction

78LOADS.
ALFALFA: 151.00-200.00.
TIMOTHY: 64.00-150.00.
MIXED HAY: 60.00-288.00.
STRAW: 67.00-115.00.
CORN: 83.00-101.00.
MEADOW GRASS, NEW: 100.00.

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Next Graded Feeder Cattle Sale
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Holiday Schedule
No Hog Sale May 26th
Open Mon., May 28th
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New England Shell Eggs

Wednesday, May 16, 1990

Prices were unchanged. Trade sentiment continued steady. Demand for cartoned eggs was fair to fairly good, mostly moderate on loose. Supplies were in good balance with needs.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN:

JUMBO .72-.75, EX LARGE .62-.65, LARGE .54-.57, MEDIUM .50-.53, SMALL .16-.19.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .81-.83, A LARGE .73-.75, A MEDIUM .69-.71.

LANCASTER FARMING STAFF

Everett R. Newswanger, Managing Editor

Lou Ann Good, Staff

Andy Andrews, Staff

Vernon Achenbach, Jr., Staff

NEWS CORRESPONDENTS

Joyce Bupp, York County
Seven Valleys (717)428-1865

Ginger Myers, Adams
Littlestown (717)359-7542

Bonnie Brechbill, Franklin
Chambersburg (717)369-2916

Valerie Vantassel, Berks/Lehigh
Hamburg (215)562-5018

Carolyn Gilles, Crawford
Meadville (814)724-4269

Randy Wells, Indiana
Marion Center
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(412)465-5555 Work P.M.

Judith Patton, Centre
Aaronsburg (814) 422-8735

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Linda Williams, Bedford
Bedford (814)623-5745

Gay Brownlee, Somerset
Salisbury (814)662-2127

Vernon Hockenberry, New York
Vestal (607)748-2917

Mary Laeger-Hagemeister, Dauphin
Dauphin (717)921-8803

Sharon Schuster, Maryland
New Windsor (301)635-2654

Eva Martin, Maryland
Smithsburg (301)824-2106

Karl Berger, Special
Maryland (301)473-5178

N.E. Weekly Shell Egg Report

Tuesday, May 15

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N HAMP.	.88-.92	.80-.84	.76-.80	.42-.46
MOSTLY	.90-.91	.82-.83	.78-.79	.44-.45
RHODE ISLAND	.93-.97	.89-.93	.86-.90	.49-.53
MOSTLY	.93	89	.86	.49
VERMONT	.95-1.05	.87-.99	.83-.95	
MOSTLY	.95	.87	.83	
MAINE	.95-1.00	.87-.92	.83-.88	.49-.54

Heinsey's Poultry

Roots, East Petersburg

Tuesday, May 15, 1990

Muscovy Ducks, Drakes range 1.68-1.82.
Hens 1.16-1.30.
Pekin Ducks .50-.72.
Pullets 5-8# .46-.54.
Red Fowl: 4-4.5# .40-.62; 5-6# .60-.74.
Crossbred Roosters: 4-6# .40-1.06; 7-12# .40-.84.
Crossbred Fowl: 5-10# .24-.52.
Banty Roosters 4.00-6.50 ea.
Banty Hens 2.50-3.25 ea.
Guinea Pigs 1.00-2.75 ea.
Kid Goats 26.00-41.00 ea.
Guinea Fowl 1.65-1.85.
Geese 9-12# .30-.62.
Pigeons 2.00-2.75 ea.
White Pigeons 3.50-4.00 ea.
Rabbits: 4-6# 1.10-1.68; 7-11# 1.00-1.34.
Leghorn Hens .22-.28.
Bunnies 1.00-2.50 ea.
Doves 4.50-6.00 ea.
Silkies 2.50-4.50 ea.
Total Coops Sold 810.

N.Y. & Phila. Frozen Eggs

May 15, 1990

Prices trended lower. Inquiry and trading were about moderate. Several buyers looked for extended coverage at the lower price levels. Raw materials were readily available allowing further processors to be more selective and competitive in finished product offerings. Floor stocks were in good balance to easily satisfy current needs.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 50-52 MOSTLY 50-51 53-60 BLENDS (/) - MOSTLY - 63-73 WHITES 48-50 MOSTLY 49-50 51-60 YOLKS (MIN. 43% SOLIDS) SUGARED 53-57 MOSTLY 54-55 57-67 SALTED 50-53 MOSTLY 52-53 53-63 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS

Delmarva Broiler Fryer Report

Wednesday, May 16, 1990

CORRECTION - CHANGE ESTIMATED, ACTUAL, AVG.WGT., ACUTAL, AND AVG.WGT..

Movement of ready to cook whole fryers was fair. Supplies were somewhat irregular today and ranged tight to balanced. Less than trucklot asking prices were unchanged to higher at 61-69 cents.

Live supplies were adequate. Average live weights were desirable. Processing schedules were heavy. The trade sentiment was steady. In the parts complex, supplies of whole breasts were at least adequate, all other items were in close balance with trade needs.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 5/16 5/14 5/14 5/9 5/ 7 ***2,136*** ***2,161*** ***4.60*** ***2,016*** ***4.53***.

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA BRANDED U.S. GRADE A RANGE 61-69 WEIGHTED AVERAGE 64.79 NO. OF BOXES 8,244.

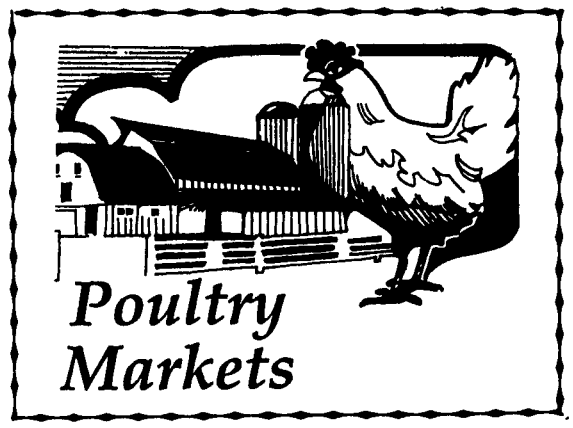
New York Egg Market

Wednesday, May 16, 1990

Prices were lower on mediums while holding unchanged on the balance. Trade sentiment was generally steady. Demand was mixed but mostly about moderate. Supplies, though adequate, were not as readily available as earlier in the week.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE .67-.69, A LARGE .64-.67, A MEDIUM .57-.60.



Weekly New York Egg Market Northeast Quotes

From Fri., May 11 to Thurs., May 17

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	.77	.77	.77	.77	.77
EX. LARGE	.74	.74	.74	.74	.74
LARGE	.69	.69	.69	.69	.69
MEDIUM	.63	.63	.63	.62	.62
PULLETS	.48	.48	.48	.48	.48
OFF GRADE	.57	.57	.57	.57	.57
BROWN					
EXTRA LARGE	.81	.81	.81	.81	.81
LARGE	.76	.76	.76	.76	.76
MEDIUM	.65	.65	.65	.65	.65
OFF GRADE					
UNDERGRADES AND CHECKS	.31	.31	.31	.31	.32

BREAKING STOCKS: FRI. 48-50 LBS. 42.00-44.00, 50 LBS. AND UP 44.00-45.00; TUES. 42-44 LBS. 36.00-37.00; THURS. 48-50 LBS. 43.00-44.00, 50 LBS. AND UP 45.00-46.00.

Northeast Chicken Parts

Wednesday, May 16, 1990

*NOTICE - THIGHS AND DRUMSTICKS ARE INCLUDED IN THIS REPORT EFFECTIVE * * MAY 14, 1990.

Trucklot buying interest was light to fair at best. Seller offerings were adequate and fairly well balanced on all items.

TODAYS NEGOTIATED SALES AS OF 11:30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES:

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 220 RIBS ON 105-106 LINE RUN 105 LEGS 47-48 LEG QUARTERS 37-38 THIGHS 41-42 DRUMSTICKS 36-37 WINGS 51-52 BACKS & NECKS 10-12 LIVERS 20 GIZZARDS (HEARTS) 25.

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES: CURRENT ITEM NEGOTIATED TRADING* WEIGHTED AVG.** VOLUME/LBS. BREASTS SKINNED BONELESS 220 224.47 217,800 RIB ON 105-106 107.85 293,400 LINE RUN 105 105.17 327,600 LEGS 47-48 51.48 257,400 LEG QUARTERS 37-38 38.32 360,000 THIGHS 41-42 43.88 86,400 DRUMSTICKS 36-37 36.15 52,200 WINGS 51-52 57.41 304,200 BACKS & NECKS 10-12 11.45 19,800 LIVERS 20 18.89 16,200 GIZZARDS (HEARTS) 25 30.83 21,600.

*TODAY'S NEGOTIATED SALES AS OF 11:30 A.M. **WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED FROM PROCESSORS AS OF 2:00 P.M. DAY OF REPORT. (INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT AND RHODE ISLAND).

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National Grain Market

St. Joseph, Mo.
Wednesday, May 16, 1990

USDA DAILY NATIONAL GRAIN MARKET SUMMARY CASH GRAIN PRICES MIXED ON WEDNESDAY. WHEAT MOSTLY HIGHER WITH TIGHT CURRENT SUPPLIES AND CONCERN OVER EXCESSIVE MOISTURE IN HARD RED WINTER AREAS SUPPORTING PRICES. CORN LOWER DUE TO FUND LIQUIDATION ON THE BOARD, THIS DESPITE DELAY OF PLANTING DUE TO WET WEATHER. SOYBEAN PRICES MIXED, MOSTLY LOWER AS FUTURES CORRECTED RECENT GAINS AND LACK OF FUNDAMENTAL INFLUENCES TO GIVE DIRECTION TO THE MARKET.

EXPORT NEWS: TAIWAN BOUGHT 54,000 TONNES OF U.S. NO. 2 YELLOW CORN FOR JULY SHIPMENT FROM THE GULF OR AUGUST SHIPMENT FROM THE WEST COAST.

DATE CHANGE YEAR AGO 05/16/90 05/15/90 05/17/89 WHEAT: KANSAS CITY 3.71-3.76 NC - UP 2 4.42-4.45 MINNEAPOLIS 4.10 1/2-4.14 1/2 UP 6 1/4 - 10 1/4 4.49 3/4-4.58 3/4 PORTLAND 3.65-3.67 UP 3 - 2 4.60-4.63 ST. LOUIS 3.31-3.37 DN 1 - UP 2 3.99-4.12.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.70-2.74 DN 3 2.62-2.67 MINNEAPOLIS 2.71 1/4 DN 3 1/2 2.74 1/2 SO. IOWA 2.78-2.81 DN 3 - 4 2.75-2.78 OMAHA 2.62-2.63 DN 3 2.55-2.58.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 6.05-6.09 UP 2 - 3 7.21-7.23 MINNEAPOLIS 5.99 1/4 DN 3/4 7.16 3/4 SO. IOWA 6.05-6.09 1/2 NC - UP 1 1/2 7.16-7.24 C. ILL. PROCESSORS 6.09 1/2-6.17 1/2 DN 2 1/2 - 1 7.25-7.33.

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (JULY) WHEAT 3.48 1/2 DN 1/4 4.28 1/2 MINNEAPOLIS (JULY) WHEAT 3.65 1/2 UP 2 1/4 4.22 3/4 CHICAGO (JULY) WHEAT 3.44 UP 1/4 4.03 1/2 (JULY) CORN 2.82 1/4 DN 2 1/2 2.70 1/2 (JULY) SOYBEANS 6.25 1/4 UP 1/4 7.12 3/4.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.03-4.07 NC 4.82 NO. 2 SOFT RED WINTER WHEAT 3.64-3.66 UP 2 - NC 4.34-4.39 NO. 2 YELLOW CORN 3.05-3.11 DN 2 - UP 3 2.98-3.00 NO.2 YELLOW SORGHUM RAIL 4.99 DN 4 BARGE 5.02 DN 3 5.01-5.03 NO.2 YELLOW SOYBEANS 6.35-6.37 UP 2 7.44-7.46.

Dewart Hay

Dewart, PA.
Monday, May 14, 1990
Report Supplied by Auction

15 LOADS HAY, 59.00-116.00.
STRAW: 6 LOADS, 55.00-70.00.
CORN: 3 LOADS AT 87.00-91.00.
OATS: 1.60-1.61 BU.

Westminster Hay

Westminster, Md.
Tuesday, May 15, 1990
Report Supplied by Auction

TOTAL LOADS: 70.
ALFALFA: 82.00-100.00., 1.20-1.40 BALE.
ALFALFA MIX: 85.00-90.00, 1.00-2.10 BALE.
TIMOTHY: 51.00-105.00, 1.50-2.25 BALE.
TIMOTHY MIX: 1.50-1.70 BALE.
ORCHARD GRASS: .60-.80 BALE.
GRASS HAY: 40.00-85.00.
ALFALFA, NEW: 57.00.
STRAW: 67.00-127.00, .85-2.30 BALE.

Keister's Hay

Middleburg, PA
Tuesday, May 15
Report supplied by auction

19 LOADS OF HAY.
TIMOTHY: 95.00.
MIXED HAY: 70.00-250.00.
SHREDDED PAPER: 47.50.
STRAW: 8 LOADS, 50.00-65.00.
EAR CORN: 4 LOADS, 80.00-87.00.
OATS: 1.70-2.05 BU.

Chester County Hay

Coatesville, PA
Wed., May 16

TOTAL LOADS: 6.
STRAW: 115.00.
TIMOTHY: 100.00-120.00.
TIMOTHY MULCH: 70.00-72.00.

Belleville Hay

Wednesday, May 16
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 33 LDS. HAY.
ALFALFA: 82.50-200.00.
MIXED HAY: 57.50-155.00.
STRAW: 6 LOADS AT 52.50-80.00.
EAR CORN: 4 AT 90.00-97.50.

Greencastle Hay Market

Hay & Straw
5/10/90 & 5/14/90

28 LOADS.
ALFALFA (GOOD) 120.00-150.00/-TON; ALFALFA (FAIR) 80.00-110.00 /TON; ALFALFA MIXED 75.00-125.00 /TON; TIMOTHY HAY 75.00-96.00/ TON; MIXED HAY 76.00-105.00/TON; STRAW- WHEAT 60.00-65.00/TON.

Philadelphia Eggs

Thursday, May 17, 1990
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS STEADY. DEMAND REMAINED MIXED, MOSTLY FAIR. SUPPLIES OF EXTRA LARGE WERE BARELY ADEQUATE TO ADEQUATE, LARGE WERE ADEQUATE AND MEDIUMS WERE ADEQUATE TO FULLY ADEQUATE. A EXTRA LARGE .65-.68, A LARGE .63-.66, A MEDIUM .56-.59½ .

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, May 15, 1990
Report Supplied by Auction

HEAVY FOWL: .40-1.25.
LIGHT FOWL: .05-.10.
MIXED FOWL: .70.
BANTAMS: .30-1.50.
BUNNIES, EACH: 1.00-2.00.
ROOSTERS: .40-1 45.
DUCKS: .65-2.00.
RABBITS: .40-1.40.
PIGEONS: 2.50-2.90.

WHITE EGGS: EXTRA LARGE & JUMBO .75-.83, LARGE .65-.68 MEDIUMS .32-.41; PULLETS .20-.25.

BROWN EGGS: EXTRA LARGE & JUMBO .66-.92, LARGE .32-.65 MEDIUMS .25-.59.

National Egg Market

Wednesday, May 16, 1990

NATIONAL EGG MARKET - AT A GLANCE: Trade sentiment was mostly steady. Distributive movement was mixed and generally about moderate. Some areas reported a better call from food service type accounts and where retail promotions were either planned or in progress. Supplies were usually sufficient to cover current needs with additional offerings not as readily available. Breakers were cautious as asking prices on raw materials took an upward turn.

Eastern PA & NJ Poultry Report

Atlanta, Ga.
Wednesday, May 16, 1990

NORTHEAST LIVE HEN MARKET - FEDERAL/STATE: Prices generally unchanged. Availability remains fully adequate and most plants are booked through end of month. Undertone mostly steady.

PRICES PER LB., DAY OF NEGOTIATION, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

LIGHT TYPE: AT FARM (PRODUCER LOADING) 4-5 CENTS FOB PLANT TOO FEW TO REPORT.

HEAVY TYPE (7 LBS & UP): AT FARM (BUYER LOADING) 10-13 CENTS AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

Peoria Cattle

Peoria, Illinois
Tuesday, May 15, 1990

WEEKLY COW AND BULL AUCTION-MONDAY, MAY 14, 1990.

RECEIPTS THIS WEEK: 94 LAST WEEK: 118.

COMPARED WITH LAST WEEK, COWS STEADY TO 1.00 HIGHER. BULLS MOSTLY STEADY NOT ENOUGH FEEDER CATTLE FOR A MARKET TEST.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 48.50-57.00 CUTTER & BONING UTILITY 1-2 49.00-58.00 FEW HIGH DRESSING 58.50-61.25 CANNER AND LOW CUTTER 1-2 45.50-49.50.

BULLS: YG 1-2 1225-2075 LBS. 63.75-71.00 COUPLE YG 1 1830-2085 LBS. 73.75-77.50.

OVER 100 HOUSES SOLD IN THE PAST FOUR YEARS IN THE NORTHEAST!

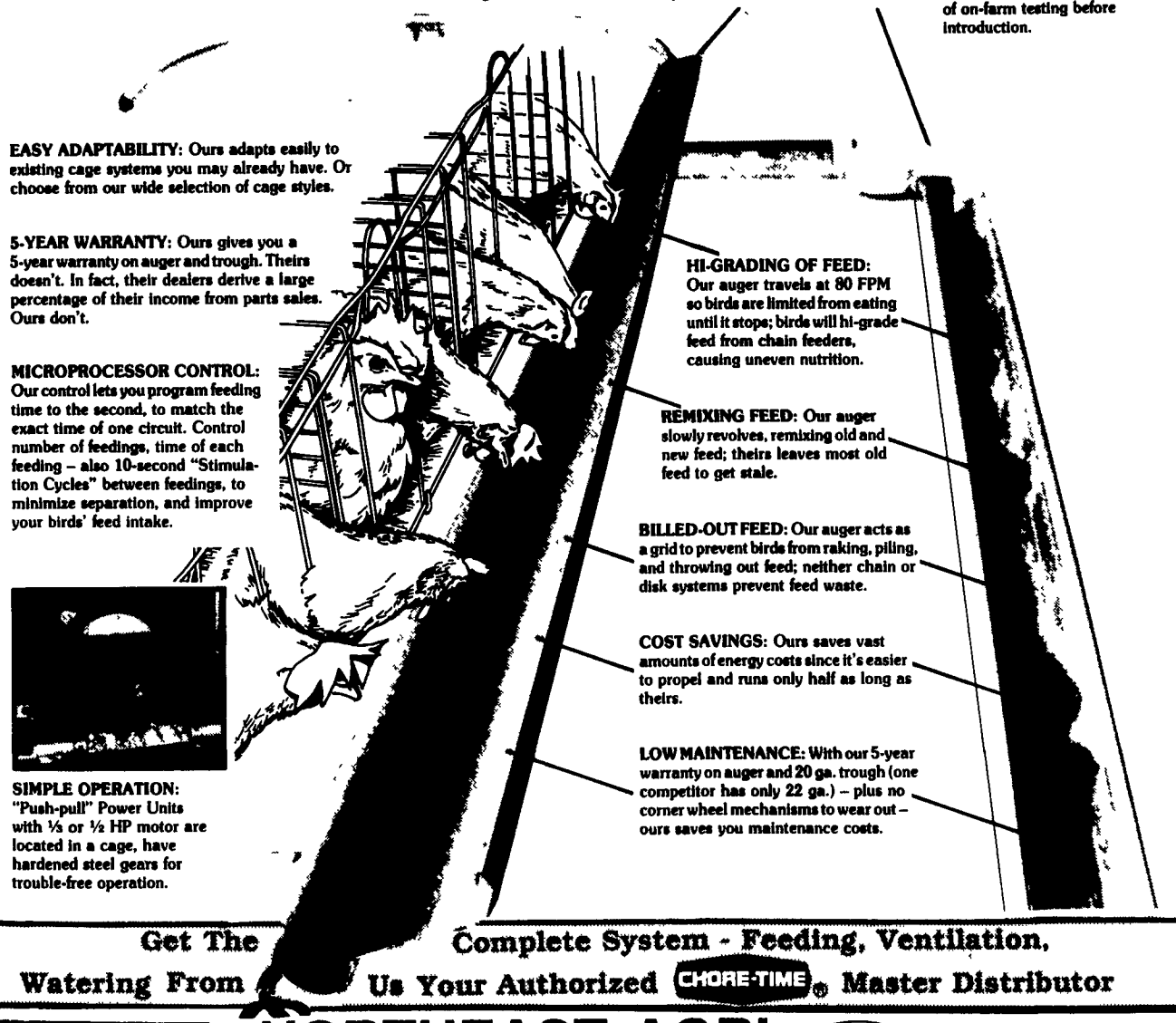
Chore-Time's ULTRAFLO® feeder for layers, pullets and breeders can free you from your chains

We have probably been too modest up to now about the merits of our new generation ULTRAFLO® cage feeder vs. the old style chain feeders some of our competitors are still trying to sell you. In fact, the only negative comments about our feeder come from our competition, not our customers. So we would like to point out the bare facts:

FEED SAVINGS: On-farm results show a feed savings of ½ lb. per 100 birds per day – over $10,000 per year savings on a 100,000-bird house. Year after year.

TROUBLE-FREE DESIGN: Our feeder has only two moving parts – the one-piece auger plus each drive wheel; their chain has more. Our corners are heavy 12 ga. zinc plated tubing for long life; their corners have a reputation for trouble and short life.

PROVEN DESIGN: Over 10 million birds are already on our feeder worldwide. Also, it was proven in 5 years of on-farm testing before introduction.



EASY ADAPTABILITY: Ours adapts easily to existing cage systems you may already have. Or choose from our wide selection of cage styles.

5-YEAR WARRANTY: Ours gives you a 5-year warranty on auger and trough. Theirs doesn't. In fact, their dealers derive a large percentage of their income from parts sales. Ours don't.

MICROPROCESSOR CONTROL: Our control lets you program feeding time to the second, to match the exact time of one circuit. Control number of feedings, time of each feeding – also 10-second "Stimulation Cycles" between feedings, to minimize separation, and improve your birds' feed intake.

HI-GRADING OF FEED: Our auger travels at 80 FPM so birds are limited from eating until it stops; birds will hi-grade feed from chain feeders, causing uneven nutrition.

REMIXING FEED: Our auger slowly revolves, remixing old and new feed; theirs leaves most old feed to get stale.

BILLED-OUT FEED: Our auger acts as a grid to prevent birds from raking, piling, and throwing out feed; neither chain or disk systems prevent feed waste.

COST SAVINGS: Ours saves vast amounts of energy costs since it's easier to propel and runs only half as long as theirs.

LOW MAINTENANCE: With our 5-year warranty on auger and 20 ga. trough (one competitor has only 22 ga.) – plus no corner wheel mechanisms to wear out – ours saves you maintenance costs.

SIMPLE OPERATION: "Push-pull" Power Units with ⅓ or ½ HP motor are located in a cage, have hardened steel gears for trouble-free operation.

Get The Complete System - Feeding, Ventilation, Watering From Us Your Authorized CHORE-TIME® Master Distributor

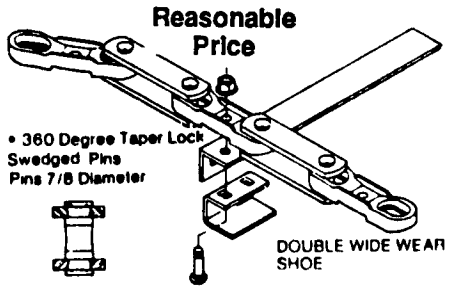
Northeast agri systems

NORTHEAST AGRI SYSTEMS, INC.
FLYWAY BUSINESS PARK
139 A West Airport Rd.
Lititz, PA 17543
(717) 569-2702

REPAIR & EMERGENCY SERVICE

STORE HOURS:
Mon.-Fri. 7:30-4:30
Sat. 8:00-11:30

SPECIAL SALE
• Heaviest Chain On The Market At A Reasonable Price



All types of chain available
FULL LINE BARN EQUIP.
SALES & SERVICE
1820 Millcreek Road, York, PA 17404
(717) 292-6668

Morrisons Cove Livestock

Martinsburg, Pa.
May 14, 1990
Report supplied by auction

CATTLE 156. STEERS: H. CHOICE & PRIME 76.00-80.10, CHOICE 72.00-75.75, GOOD 66.00-71.00, STANDARD 60.25-65.75. HEIFERS: 72.25-76.00; GOOD 59.50-68.50.

COWS: UTILITY & COMMERCIAL 54.50-60.50; CUTTERS 52.00-54.25, CANNER & LOW CUTTER 44.50-51.75.

BULLOCKS: GOOD & CHOICE 66.50-72.50.

BULLS: YIELD GRADE NO. 1 60.50-68.75.

FEEDER CATTLE: STEERS 66.00-90.50, BULLS 61.00-86.50; HEIFERS 64.00-87.50.

CALVES 188. PRIME 115.00-131.00; CHOICE 105.00-112.50, GOOD 96.00-104.00, STANDARD & GOOD 86.00-95.00, 90-110 LBS. 86.00-98.50, 65-90 LBS. 75.00-94.50, HOLSTEIN BULLS 90-130 LBS. 142.00-201.00, HOLSTEIN HEIFERS 90-130 LBS. 115.00-174.00.

HOGS 144. US NO. 1-2 56.00-62.50, US NO. 1-3 60.00-61.50.

SOWS: US NO. 1-3 48.00-56.00.

BOARS 47.00-49.75

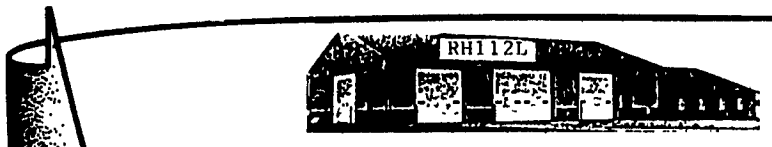
FEEDER PIGS 109. US NO. 1-3 20-35 LBS. 27.50-43.00 PER HEAD, NO. 1-3 35-50 LBS. 46.00-55.00 PER HEAD.

SHEEP 60. CHOICE 62.50-67.00; GOOD 56.00-60.00; SLAUGHTER EWES 18.50-34.50.

GOATS: 24.00-62.00 PER HEAD.

19 LOADS HAY, 46.00-135.00.

1 LOAD OF STRAW, 81.00.



You Can Buy

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You Can Sell

HAY SALE EVERY MONDAY- 10:00 A.M.

1990 SPECIAL SALES

SAT. JUNE 2	9:00 A.M.	Consignment Auction Antique Furniture.
FRI. JUNE 15	9:00 A.M.	Farm Equipment & Supplies
SAT. JUNE 30	10:00 A.M.	Bertha Shirk, Paradise. Real Estate, HH Goods & Antiques. (On the premises)
FRI. JULY 13	9:00 A.M.	Farm Equipment & Supplies
TUES. & WED., JULY 24 & 25	9:00 A.M.	Quilts, Crafts, & Buggies
FRI. AUG. 17	9:00 A.M.	Farm Equipment & Supplies
TUES. AUG. 28	6:00 P.M.	Guns of all descriptions
TUES. SEPT. 4	6:00 P.M.	Lawn Mowers & Garden Equipment
FRI. SEPT. 14	9:00 A.M.	Farm Equipment & Supplies
TUES. SEPT. 25	6:00 P.M.	Guns of all descriptions
SAT. OCT. 6	9:00 A.M.	Camp Deer Park Benefit Auction
FRI. OCT. 12	9:00 A.M.	Farm Equipment & Supplies
TUES. & WED., OCT. 23 & 24	9:00 A.M.	Quilts, Crafts, & Buggies
FRI. NOV. 9	9:00 A.M.	Farm Equipment & Supplies
SAT. NOV. 24	9:00 A.M.	Toys, Crafts, Gifts, & Tools

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ADD YOUR SALE TO THIS LISTING NOW!
Diffenbachs Aucts. 225L
Bonded Licensed Livestock Dealer and Order Buyer

Equipped And Ready To Serve You

SHORT NOTICE HORSE SALE
FRIDAY EVE., JUNE 1

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

REGISTERED HEIFER SALE
SATURDAY, JUNE 9

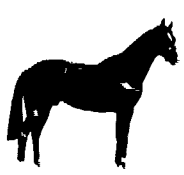
LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE
7:30 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM
HORSES MULES



1:30 PM
BEEF SALE

SHEEP

CALVES

WEDNESDAY

DAIRY COWS
11:00 AM
COW SALE 12:00 NOON
HEIFERS BULLS

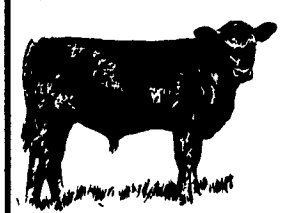
We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

1:30 P.M.
FEEDER PIG SALE

Pigs are accepted after 6:30 A.M. State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

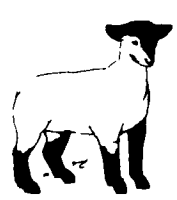
THURSDAY

Beef Auction
10:00 A.M.
BULLS
STEERS
BEEF COWS



STOCKERS & FEEDERS

1:30 P.M.
SHEEP
GOATS
CALVES



NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047

Sale Barn Officer Manager
Roger Floyd - 717-354-4341

Order Buyer
Paul Good - 215-445-6662

Feeder Pig Representative
Mel Hoover - 717-354-8397

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, May 15, 1990

SLAUGHTER STEERS: CHOICE NONE OFFERED; SELECT LIGHTS 67.00-73.00; STANDARD 63.00-66.50.

SLAUGHTER HOLSTEINS: CHOICE 67.00-70.25; SELECT 63.00-66.25; STANDARD 55.00-61.60.

SLAUGHTER HEIFERS: CHOICE 74.00-75.00; HOLSTEINS TO 65.00.

SLAUGHTER COWS: STRONG DEMAND! EARLYBIRD PEN FIRM 3.00-4.00 HIGHER. BREAKING UTILITY AND COMMERCIAL 57.00-60.25; CUTTER AND BONING UTILITY 55.00-60.00; CANNER AND LOW CUTTER 50.00-54.00; BIG MIDDLE 50.50-54.00; SHELLY 49.00 AND DOWN.

SLAUGHTER FAT BULLS: YG#1 68.00-70.10; YG#2 65.75.

FEEDER STEERS: 300-550 LBS. HOLSTEINS 78.00-81.00.

FEEDER HEIFERS: ALL WEIGHTS, MOSTLY HOLSTEINS OFFERED. MEDIUM 76.00-85.00.

FEEDER BULLS: ALL WEIGHTS, MEDIUM 1 81.00-85.00; MEDIUM 2 72.00-77.00.

VEAL CALVES: STRONG DEMAND. CHOICE 105.00-128.00; GOOD 94.00-104.00; STANDARD AND GOOD 83.00-93.00; LIGHT/WEAK 79.00 AND DOWN.

FARM BULLS: MOSTLY 160.00-199.00; FARM HEIFERS 130.00-167.00.

HOGS: BARROWS AND GILTS ACTIVE. US#1-3 210-260 LBS. 60.50-62.00; UNDER 200 LBS. 52.50-55.50.

SOWS: ACTIVE. OVER 450 LBS. 51.00-56.00; UNDER 450 LBS. 49.50-52.75; OVER 450 LBS. ALL WEIGHTS 45.00-49.00.

BOARS: 48.50-49.25.

FEEDER PIGS: BY THE HEAD, 15-20 LBS. 26.00-28.00; 35-50 LBS. 44.00-59.00.

SHOATS: BY THE POUND, 135-170 LBS. 45.00-60.00.

SHEEP: EWES 20.00-35.00; YEARLINGS TO 55.00.

LAMBS: CHOICE 50-75 LBS. 72.00-84.00; CHOICE 70-100 LBS. 63.00-71.00; GOOD 50-75 LBS. 60.00-69.00.

GOATS: BY THE HEAD, LARGE 60.00-88.00; SMALL/MEDIUM 21.00-56.00.

SALE EVERY TUES. EVE., RABBITS, POULTRY AND EGGS 5 P.M.; LIVESTOCK 7 P.M.

NEXT STATE GRADED FEEDER PIG SALE FRIDAY, MAY 25, 1:30 P.M. NO HAY SALE UNTIL FALL.

New Wilmington Livestock Auction

N. Wilmington, Pa.
Monday, May 14, 1990
Report Supplied by PDA

CATTLE 267...PDA...Compared with last Monday's market: Slaughter cows steady to weak. Few Choice slaughter steers 75.00-77.25, couple Select 73.75-74.00; few Choice Holsteins 71.25-72.25, couple Select 66.00, few Standard 60.00-68.00. Couple Choice sl. heifers 72.00&75.25, few Select & low Choice 68.00-69.50, Standard 58.00-64.00, few Utility 53.00-57.00. Breaking Utility & Commercial sl. cows 51.50-56.50, few 57.50, Cutter & Boning Utility 49.75-54.50, high dressing 55.75, Canner & Low Cutter 40.00-49.75. Yield Grade No. 1, 1185/1460 lbs. sl. bulls 63.75-69.00, one No. 2, 1295 lbs. 60.00. Feeder Cattle: Medium & Large Frame #1, 300/590 lbs. steers 85.00-101.00. Med. & Large Frame No. 1, 325/670 lbs. heifers 70.00-83.50, few 100.00-109.00. Med. & Large Frame No. 1, 545/835 lbs. bulls 60.00-71.00.

CALVES 271... Supply included 70% of farm calves returned to farm ...Few High Choice & Prime vealers 120.00, Choice 100.00-112.50, few Good 92.50-98.00, Standard & Good 90/120 lbs. 80.00-90.00, 60/85 lbs. 60.00-80.00, lot Utility 53.00-60.00. Farm Calves: Hol. Bulls No. 1, 85/135 lbs. 140.00-181.00, No. 2, 90/120 lbs. 93.00-130.00; No. 1, Hol. Heifers 80/135 lbs. 95.00-152.50; Beef cross 70/100 lbs. bulls & heifers 100.00-180.00, few 200.00-225.00.

HOGS 574...Barrows and gilts 2.00 higher. US No. 1-2 225/260 lbs. 61.75-62.25, 1-3 215/265 lbs. 60.25-61.75, 2-3 225/280 lbs. 57.50-60.00, lot 1-3 210 lbs. 59.75, 175/200 lbs. 54.75-57.00. Sows 2.00 to 3.00 lower. US No. 1-3 320/595 lbs. sows 50.00-54.25. Boars 46.00-50.00, light weights 44.50-45.00.

FEEDER PIGS 27...Few US No. 1-3 30/35 lbs. 34.00-37.00, 40/80 lbs. 43.00-54.00 --- all per head.

SHEEP 210...High Choice & Prime 55/80 lbs. spring lambs 77.00-90.00, 80/100 lbs. 70.00-83.00, Good and Choice 50/70 lbs. 60.00-74.00. Slaughter sheep 15.00-24.00.

GOATS 13...Couple Medium 35.00, Medium & Large Kids 20.00-32.00 --- all per head.

Leesport Livestock

Leesport, PA
Wednesday, May 16, 1990
Report Supplied by PDA

CATTLE 276. COMPARED WITH LAST WEDNESDAY'S MARKET, SL. STEERS .50 TO $1.50 LOWER; SL. COWS BU. UT. & COM. WEAK TO $1 LOWER. CANNER THRU BON UT. .50 TO $1 HIGHER. CHOICE 1000-1435 LBS. 74.75-78.50; SEL. 70-73, FEW H. CH. & PR. HOL. 1300-1470, 70.50-74.00, CH. 1200-1440 65.00-70.75, SEL. 63.00-65.25, STAND. 62.00-64.00, FEW TO 65.50. FEW CH. 950-1000 71.75-73.85, ONE 75.00, SEL. 61.75-69.50, FEW STAND. 57.25-62.25, BREAKING UT. & COMMERCIAL SL. COWS 52.75-57.75, CUTTER & BON. UT. 53.00-58.75, COUPLE 58.75, LOW DRESSING 51.00-53.00, CANNER & LO CUTTER 49.00-56.50, SHELLS DOWN TO 47.00. CH. SL. BULLOCKS 67.75-75.00, ONE 76.50, FEW SEL. 66.00-69.50, FEW STAND. 60.00-63.25. FEW YIELD GRADE NO. 1 1300-1700 LBS. SL. BULLS 64.00-70.50.

FEEDER CATTLE: STEERS FEW MEDIUM FRAME NO. 1 & 2 600-765 LBS. 68.00-76.00, LOT LARGE FRAME NO. 2 345 LBS. 96.00, HEIFERS FEW MEDIUM FRAME 1 & 2 310-585 LBS. 67.00-73.00, FEW 87.00. BULLS FEW MEDIUM & LARGE FRAME NO. 1 600-750 LBS. 66.00-73.00.

CALVES 156. FEW GOOD 95.00-105.00, FEW STAND. & GD. 75-125 LBS. 78.00-95.00, FEW 130-150 LBS. 120.00-170.00, 85-125 LBS. 180.00-190.00. NO. 1, HOLSTEIN BULLS 85-90 LBS. 140.00-180.00, NO. 2 95-115 LBS. 115.00-170.00, FEW 75-95 LBS. 93.00-130.00. NO. 1 HOL. HEIFERS 90-110 LBS. 95.00-190.00, MOSTLY 125.00-177.50. FEW BEEF CROSS 75-115 LBS. BULL & HEIFERS 147.50-190.00, ONE 200 LBS. @ 140.00.

HOGS 412. BARROWS & GILTS $3 TO $4.50 HIGHER. US NO. 1-2 220-255 LBS. 63.00-63.50, LOT 63.85, 1-3 215-260 LBS. 60.25-63.75, MOSTLY FEW 60.25-63.00, 200-215 LBS. 55.00-59.00. FEW 2-4 290-315 LBS. 55.50-57.00, FEW 1-3 145-180 LBS. 52.00-54.00. SOWS 500 LBS. 50 .1 TO 500 3-5, US NO. 1-3 285-600 LBS. 49.50-52.75, MED. 335-415 LBS. 46.00-49.25. BOARS 48.00-51.00, FEW LIGHT WEIGHTS 45.50-46.25.

FEEDER PIGS 288. FEW US NO. 1-3 20-25 LBS. FEEDER PIGS 200-205, 1-3 30-35 LBS. 125.00-140.00, 1-3 45-50 LBS. 105.00-120.00, 1-3 50-65 LBS. 90.00-105.00, LOT FEW UT. 15-20 LBS. 25.00-39.00 PER HD.

SHEEP 71. CHOICE 30-70 LBS. 82.50-107.50, FEW 75-95 LBS. 73.00-88.00. SLAUGHTER SHEEP 14.00-26.00 FEW 37.00.

GOATS 31. FEW LARGE 62.00-80.00, MEDIUM AND THIN FLESHED 37.50-55.00, FEW LARGE KIDS 37.50-60.00, SMALL KIDS 20-30 HD.

New Holland Dairy

New Holland Sales Stables
Wednesday, May 16, 1990
Report supplied by auction

REPORTED RECEIPTS OF 55 COWS, 37 HEIFERS, AND 5 BULLS. HEIFER MARKET LOWER; COW MARKET STRONGER.

PA FRESH COWS: 1000.00-1175.00.

PERRY COUNTY FRESH COWS: 850.00-1360.00.

PA FRESH COWS: 1025.00-1425.00.

PA FRESH COWS: 1050.00-1600.00.

WISCONSIN FRESH COWS: 1175.00-1625.00.

LOCAL SPRINGING HEIFERS: 735.00-1210.00.

OPEN BREEDING AGE: 610.00-680.00.

SMALL OPEN: 350.00-425.00.

VACCINATED HEIFERS BRING A PREMIUM.

BULLS: 525.00-925.00.

LOCAL COWS: 700.00-1500.00.

PARADISE CONCRETE
METERED DELIVERY!
You can't over or under order! Guaranteed Savings! Call us for Prices. Variable Pricing!

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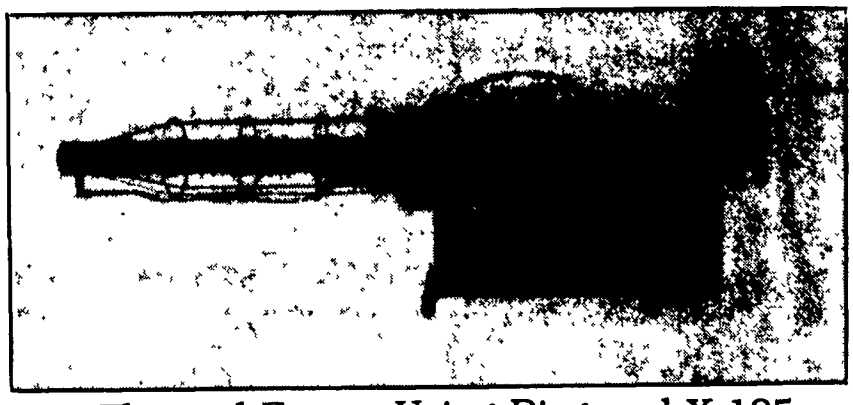

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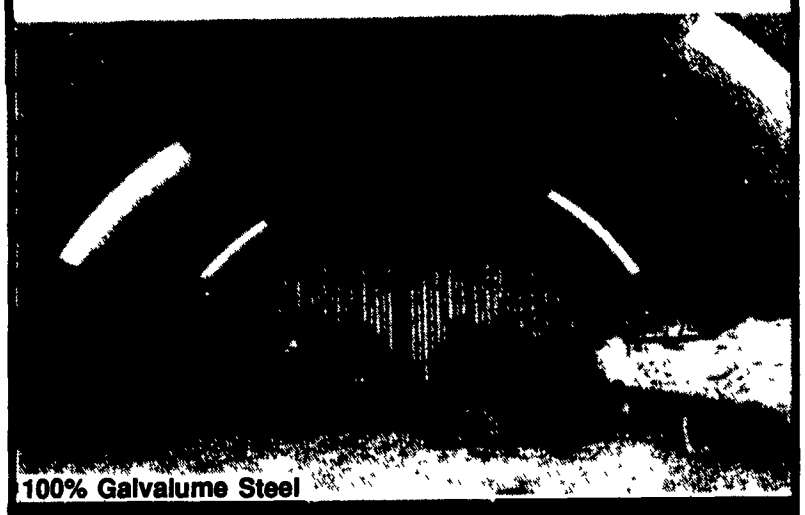

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THE OLD FARMER'S ALMANAC

MAY 21-27, 1990

Sardine season in Rockland, Maine.

May 22, 1868, The Great Train Robbery — the Reno Gang makes off with $98,000 in cash May 23, 1701, pirate Captain Kidd is hanged in London May 25, 1803, Ralph Waldo Emerson born May 27, 1919, birthday of American feminist Amelia Bloomer whose name was given to a type of women's trouser . *The young are slaves to novelty, the old to custom*

Ask the Old Farmer: How can I removed the fat and oil from bone so the bone can be used to make household implements such as spoons and knife handles? P W., Wis *Cut off the ends of the bones so the marrow shows Boil the bones in water until the center is clean You may have to do some scraping on the outside to finish it off*

Home Hints: Mix tiny seeds with sand before sowing them They'll fall into place more uniformly

OLD FARMER'S WEATHER FORECAST

New England: Cool showers change to rain, rain, rain, heavy in the northwest You'll be wet, but don't fret, warmer weather is coming!

Greater New York-New Jersey: A partly cloudy and warm start to the week changes to heavy rain, but warm temperatures prevail A clear, warm finish.

Middle Atlantic Coastal: Very warm with hours of showers. Cool weather returns, bringing heavy rain and our distain Finally, it's warm and clearing.

Piedmont & Southeast Coastal: It's a hot and cloudy start to the week, then warm with showers turning to rain, heavy in the west, before clearing

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Belknap Livestock

Dayton, Pa.
Wednesday, May 16, 1990
Report Supplied by PDA

CATTLE 68. COMPARED WITH LAST WEDNESDAY'S MARKET, FEW STAND. 65-68, CH. ONE 69.75, FEW BREAKING UT. & COMMERCIAL SL. COWS 54.00-56.75. CUTTER & BON. UT. 50.00-54.00 FEW HIGH DRESSING TO 58.25, CANNER & LO CUTTER 43.00-50.00. FEW YIELD GRADE NO. 1130-1765 LBS. SL. BULLS 62.50-66.00.

FEEDER CATTLE: STEERS FEW MEDIUM FRAME NO. 1 400-515 LBS. 80.50-85.00, FEW 720-935 LBS. 64.25-70.00. HEIFERS MEDIUM FRAME NO. 1 300-490 LBS. 70.00-82.00. BULLS MEDIUM FRAME 1 & 2 385-535 LBS. 70.00-79.00.

CALVES 108. STAND. & GD. 90-120 LBS. 81.00-100.00, 60-85 LBS. 78.00-91.00. NO. 1, HOLSTEIN BULLS 90-130 LBS. 150.00-195.00, ONE 200.00. FEW NO. 2 75-85 LBS. 93.00-142.50, 90-120 LBS. 130.00-152.50. FEW NO. 1 HOL. HEIFERS 95-115 LBS. 140.00-176.00. BEEF CROSS 65-115 LBS. BULLS & HEIFERS 96.00-172.50, ONE 210.00.

HOGS 270. BARROWS & GILTS $1 TO $1.50 HIGHER. US NO. 1-2 240-255 LBS. 61.10-63.10, 1-3 235-270 LBS. 59.60-61.30, 2-3 235-260 LBS. 57.00-60.00, 275-305 LBS. 56.75-58.50. 1-3 215-225 LBS. 55.00-58.00. US NO. 1-3 395-720 LBS. 46.50-52.25. FEW BOARS 45.25-48.00, LIGHT WEIGHTS TWO @ 42.50.

FEEDER PIGS 95. US NO. 1-3 15-30 LBS. FEEDER PIGS 28.00-41.00, 1-3 30-45 LBS. 41.00-50.00.

SHEEP 19. COUPLE LOTS H. CHOICE & PRIME 85 LBS. 65.50 & 67.00. SLAUGHTER SHEEP 15.00-28.00.

GOATS 6. FEW MEDIUM & LARGE 46.00-56.00, ONE 74.00, TWO MEDIUM KIDS 20.00 & 26.00/HD.

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, May 14, 1990
Report Supplied by PDA

CATTLE 201...PDA... REPORT IS SUPPLIED BY THE AUCTION ...Compared with last Monday's market: Choice slaughter steers 67.50-84.00. Choice sl. heifers 71.50-73.00. Breaking Utility & Commercial sl. cows 51.00-56.00, high yielding 62.00, Cutter & Boning Utility 49.50-54.00, Canner & Low Cutter 40.50-49.00, Shells down to 27.00. Yield Grade No. 1, 1100/1885 lbs. sl. bulls 61.00-70.00. Feeder Cattle: Medium & Large Frame #1, 250/350 lbs. steers 94.00-130.00, 400/600 lbs. 75.00-92.00. Medium & Large Frame #1, 235/325 lbs. heifers 75.00-100.00, 450/700 lbs. 65.00-76.00. Medium & Large Frame No. 1, 250/350 lbs. bulls 84.00-106.00.

CALVES 159...Choice vealers 107.50-140.00. Farm Calves: Hol. Bulls #1, 90/130 lbs. 145.00-222.50.

HOGS 150...US No. 1-2 230/250 lbs. 53.00-64.75, 1-3 220/260 lbs. 57.00-58.50. US No. 1-3 400/545 lbs. sows 50.00-53.50.

FEEDER PIGS 12...US No. 1-3 feeder pigs 10.00-34.00 --- per head.

SHEEP 245...High Choice 69/75 lbs. spring slaughter lambs 70.00-77.50, Choice 45/65 lbs. 64.00-78.00. Slaughter sheep 13.00-23.00.

GOATS 7...Large 37.50-50.00, 8 head Small 9.00-25.00 --- all per head.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, May 15, 1990
Report Supplied by PDA

CATTLE 469...PDA...Compared with last weeks market: Compared with last weeks market: Slaughter steers uneven, steady to 2.00 lower on Choice grade, Holsteins about steady; Cows .25 to 1.00 higher. High Choice & Prime slaughter steers 78.50-80.50, couple 81.50, Choice 975/1570 lbs. 74.50-78.00, Select 69.00-74, few high dressing 75.25; Choice Holsteins 68.00-73, few Prime 72.50-74.60, Select 64.85-68, few Standard 61.00-68.00. Few Choice sl. heifers 73.00-78.00, couple Prime Holsteins 71.00, few Select 67.00-71, few Standard Holsteins 61.50-65.50. Breaking Utility & Commercial sl. cows 54.50-58.00,few beef cross 63.00, Cutter & Boning Utility 54.00-58.75, few 60.25, Canner & low Cutter 51.25-54.00. Few Choice sl. bullocks 70.00-73.75. Yield Grade No. 1, 900/2400 lbs. sl. bulls 62.00-70.50. FEEDER CATTLE: Few Medium Frame No. 1, 350/700 lbs. heifers 75.00-80.00.

CALVES 195...Few Good to low Choice vealers 92.00-102.00, Standard and Good 75/95 lbs. 75.00-85.00, Utility 60/80 lbs. 60.00-76.00. Farm Calves: Holstein bulls No. 1, 85/135 lbs. 155.00-188, few 203.00, No. 2, 85/135 lbs. 110.00-160, few down 85.00; Hol. Heifers 85/140 lbs. 105.00-157.50, few down to 80.00. Beef cross 80/110 lbs. heifers 100.00-133.00, few bulls 85/110 lbs. 140.00-170.00.

HOGS 555...Barrows and gilts 2.00 to 2.75 higher. US No. 1, 225/245 lbs. 62.75-63.50, 1-2 220/250 lbs. 59.00-61.00. US No. 1-3 300/670 lbs. sows 51.00-56.50, 2-3 275/575 lbs. 45.00-51.00. Boars 48.25-50.00.

FEEDER PIG 247...US No. 1-3 20/35 lbs. feeder pigs 35.00-43.00, 40/55 lbs. 49.00-61.00 --- all per head.

SHEEP 64...Choice 70/110 lbs. spring slaughter lambs 66.00-80.00, 25/40 lbs. 110.00-140.00. Slaughter sheep 13.00-27.00.

GOATS 20...Few Large 58.00-99.00, few Kids 59.00-64.00 --- all per head.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, May 14, 1990
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 321 HEAD OF HORSES, MULES AND PONIES. MARKET STEADY.

DRIVING HORSES: 450.00-1025.00.
RIDING: 410.00-725.00.
BETTER HORSES: 825.00-900.00.
LIGHTWEIGHT KILLERS: 410.00-600.00.
HEAVYWEIGHT KILLERS: 675.00-935.00
THIN HORSES: 175.00-370.00.
MARE PONIES: 45.00-200.00.
COLTS: 30.00-60.00.
GELDING PONIES: 45.00-200.00.
LARGER PONIES: 270.00-450.00.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, May 15, 1990
Report Supplied by PDA

CATTLE 222...PDA...Compared with last Tuesday's market: Slaughter steers weak to .25 lower; Cows steady to strong. Choice sl. steers 75.00-78.50, few low dressing 73.85, High Choice & Prime 78.00-79.75, couple high yielding 80.35-80.60, Select and low Choice 70.00-75.50; Select & Choice Holsteins 65.00-69.10, Standard 65.75-70.00. Choice sl. heifers 72.00-76.10, one high yielding 79.75, few Select 69.10-71.00, Standard 58.75-65.00. Breaking Utility & Commercial sl. cows 52.00-57.00, few 58.00-58.85, Cutter & Boning Utility 50.00-55, few high dressing to 57.00, Canner & low Cutter 42.00-49.85, Shells down to 38.50. Few Yield Grade No. 1, 1410/1700 lbs. sl. bulls 64.00-70.00, one 75.00. Feeder Cattle: Few Medium & Large Frame No. 1, 830/1050 lbs. steers 65.00-73.60, small lot Large No. 2, 490 lbs. 86.00, small lot Holsteins 355 lbs. 88.00. Few Medium Frame No. 1, 540/750 lbs. heifers 63.00-78.00.

CALVES 79...Few Standard and Good 90/120 lbs. vealers 95.00-97.50, few 60/85 lbs. 75.00-91.00. Farm Calves: Holstein Bulls 90/135 lbs. 137.50-200.00, few 80/85 lbs. 96.00-112.50, few No. 2, 105/135 lbs. 117.50-130.00; Hol. Heifers 90/125 lbs. 100.00-170.00, 75/85 lbs. 91.00-97.50. Beef cross 65/120 lbs. bulls and heifers 100.00-215.00.

HOGS 99...Barrows and gilts about steady. Couple Lots US No. 1-2 235/250 lbs. 59.85, 1-3 235/270 lbs. 58.50-59.85, lot 2-3 309 lbs. 54.00. One US No. 1-3 570 lbs. sows 50.00, one 2-3, 620 lbs. 40.00. Few Boars 28.00-37.00.

FEEDER PIGS 2...No Market Test.

SHEEP 4...Slaughter sheep small lot 25.00.

GOATS 2...One Large 61.00, Medium 31.00 --- all per head.

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Virginia Cattle & Hogs

Virginia Weekly

Richmond, Va.
Thursday, May 17, 1990

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW; MAY 10-16, 1990. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE UNEVEN $2.50 LOWER TO $4.00 HIGHER FOLLOWING MIDWEST PRICES WHICH WERE ALSO UNEVEN, $8.25 HIGHER TO $3.50 LOWER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE STEADY TO 50 CENT LOWER AS MIDWEST PRICES WERE STEADY TO $1.50 LOWER.

COWS AND BULLS IN VIRGINIA WERE MIXED, $1.25 LOWER TO $3.75 HIGHER AS MIDWEST PRICES WERE ALSO MIXED, 75 CENT LOWER TO $1.50 HIGHER. BEEF PRODUCTION WAS 10% ABOVE A WEEK AGO AND 3% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 8 POUNDS HEAVIER THAN A YEAR AGO.

VEAL AND CALF PRICES IN VIRGINIA WERE $2.00-11.00 HIGHER AS MIDWEST PRICES WERE MOSTLY STEADY TO $11.00 LOWER. VEAL AND CALF PRODUCTION WAS 7% BELOW A WEEK AGO AND 22% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 7 POUNDS LIGHTER THAN A YEAR AGO.

LAMB PRICES IN VIRGINIA WERE $1.00 HIGHER AS MIDWEST PRICES WERE STEADY TO $2.00 LOWER. LAMB PRODUCTION WAS LESS THAN 1% ABOVE A WEEK AGO AND 8% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND LIGHTER THAN A YEAR AGO.

SLAUGHTER HOG PRICES IN VIRGINIA WERE $3.00 HIGHER AS MIDWEST PRICES WERE $1.25-1.50 HIGHER. FRESH PORK PRICES WERE $1.00 LOWER TO $8.00 HIGHER. HOG PRODUCTION WAS 1% BELOW A WEEK AGO. AND 5% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE THE SAME AS LAST YEAR.

THE VIRGINIA DIRECT HOG MARKET MAY 10-16, 1990 RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA FOR THE PERIOD TOTALED 11,578 HEAD COMPARED TO LAST WEEK 48,940 HEAD. THE SOUTHEAST VIRGINIA HOG MARKET CLOSED $3.00 HIGHER COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS LOCAL PLANT DELIVERED (30 MILE RADIUS) US 1-3 210-250 LBS 60.50-61.00 61.50-62.00 FEW 61.00 US 1-2 200-210 LBS 59.50-60.00 US 1-3 250-260 LBS 59.50-60.00 US 2-3 260-270 LBS 57.50-58.00 US 2-4 270-300 LBS 53.50-56.00 SOWS $38.00-59.00 AND BOARS $35.00-50.00 VALLEY AND NORTHERN VIRGINIA HOGS; 981 HEAD FOR THE PERIOD. US 1-3 210-250 LBS $59.75-60.50.

SLAUGHTER STEERS AND HEIFERS 8%; SLAUGHTER COWS 16% SLAUGHTER BULLS 2%; SLAUGHTER CALVES AND VEALERS 1%; FEEDER CATTLE UNDER 600 LBS 59% OVER 600 LBS 14%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS SLAUGHTER CATTLE STEERS: CHOICE 2-3 1100 LBS & UNDER 73.50-77.25 CHOICE 2-3 1100-1300 LBS 73.00-78.60 CHOICE 2-3 1300 LBS & OVER 73.25-77.50 HEIFERS; CHOICE 2-3 950 LBS & UNDER 70.00-73.25 CHOICE 2-3 950-1100 LBS 71.50-75.85 CHOICE 2-3 1100 LBS & OVER 73.50-78.00 UTILITY & COMMERCIAL COWS 50.00-60.00 BULLS - 1-2 900-1300 LBS 60.00-70.00 FEW 56.00 1-2 1300-1600 LBS 61.00-73.00 1-2 1600 LBS & OVER 60.75-75.75 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS 100.00-111.00 GOOD AND CHOICE 100-250 LBS --- CALVES - GOOD AND CHOICE 250-500 LBS 78.00-95.00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS SPRING 63.00-66.50; BUCKS 62.00 HIGH CHOICE & PRIME 95-125 LBS WOOL 57.00-65.00 SLAUGHTER HOGS US 1-3 200-250 LBS 56.10-61.25 SOWS US 1-3 300-500 LBS 47.00-59.00 500 LBS & OVER 49.50-59.75.

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS; MEDIUM 1 200-300 LBS 109.00-135.00 FEW 94.00 300-400 LBS 93.00-109.00 FEW 83.50 300-400 LBS 105.00-123.00 FEW 94.00-98.25 400-500 LBS 86.00-103.00 400-500 LBS 95.00-112.00 FEW 88.00 500-600 LBS 85.00-96.00 FEW 79.00 500-600 LBS 89.00-106.00 600-700 LBS 75.00-85.00 600-700 LBS 84.00-100.75 700-800 LBS 65.00-79.00 700-800 LBS 71.00-88.00 800-900 LBS 67.00-68.50 800-900 LBS 71.50-82.00.

Northern Virginia Area Livestock Summary

Orange, Va.
Wednesday, May 16, 1990

ALL TRENDS COMPARED TO LAST WEDNESDAY.

SLAUGHTER HOGS 35 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 1-3 200-250 LBS 60.00 2-4 250-300 LBS 57.00 SOWS US 1-3 500 LBS & OVER 51.00.

SLAUGHTER CATTLE 82 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 70 HEAD CUTTER & BNG.UT. 1-3 54.00-58.00 BRKG.UT. & COMM. 2-4 52.00-59.50 CANNER & LOW CUTTER 1-2 47.00-55.00.

SLAUGHTER BULLS 8 HEAD - 1-2 900-1300 LBS --- 1-2 1300-1600 LBS 62.00-69.00 1-2 1600 LBS & OVER 67.00-71.00 1 AT 80.00

SLAUGHTER CALVES AND VEALERS 4 HEAD CALVES - GOOD AND CHOICE 250-500 LBS 85.00-90.00.

FEEDER CATTLE 195 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 200-300 111.00 --- --- --- 300-400 106.00-109.00 --- --- 96.00-100.00 400-500 90.00-107.00 101.00-104.00 --- --- 500-600 91.00-103.00 --- 86.00 --- 600-700 --- --- 78.00-81.00 --- 700-800 79.50 --- --- --- HOLSTEIN STEERS; MED.&LARGE 1-2 300-500 LBS 80.00

HEIFERS; MEDIUM 1 LARGE 1 200-300 94.00 --- 300-400 84.00-90.00 91.00 400-500 88.00-90.00 --- 500-600 81.00-82.00 --- 600-700 76.50 --- FEEDER BULLS; MED. 1 SMALL 1 200-300 LBS 104.00 --- 500-600 LBS --- 74.00

COWS RETURNED TO FARMS 3 HEAD; M-1, 3-9 YR OLD 1000-1100 LBS $580.00-655.00 PER HEAD. COWS WITH CALVES AT SIDE 8 PAIR; M-1, 1000-1200 LBS WITH CALVES NEWBORN TO 300 LBS $820.00-930.00; M-1, 9 YR OLD 900-1000 LBS WITH CALVES NEWBORN $660.00 PER PAIR. BABY CALVES RETURNED TO FARMS 15 HEAD NEWBORN TO 4 WK OLD 60.00-142.00 PER HEAD. OVER 100 LBS 117.00-157.00 PER CWT

Peoria Cattle

Peoria, Illinois
Thursday, May 17, 1990

FEDERAL-STATE WEEKLY CATTLE SUMMARY TRADING MODERATE. COMPARED WITH LAST MONDAY, SLAUGHTER STEERS AND HEIFERS STEADY TO .50 HIGHER. AT THE AUCTION COWS STEADY TO 1.00 HIGHER. BULLS MOSTLY STEADY. NOT ENOUGH FEEDER CATTLE FOR A MARKET TEST RECEIPTS THIS WEEK ABOUT 1100 AS COMPARED WITH 817 A WEEK AGO AND 886 A YEAR AGO.

SLAUGHTER STEERS: CHOICE 2-4 1050-1350 LBS. 78.00-79.00 2 LOADS 1300 LBS. 80.00 SELECT & CHOICE 2-3 1000-1300 LBS. 74.00-78.00 SELECT 2-3 950-1200 LBS. 69.00-74.00.

SLAUGHTER HEIFERS: CHOICE 2-4 950-1150 LBS. 77.00-78.50 SELECT & CHOICE 2-3 900-1100 LBS. 73.50-77.00 SELECT 2-3 800-1050 LBS. 68.00-73.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 48.50-57.00 CUTTER & BONING UTILITY 1-2 49.00-58.00 FEW HIGH DRESSING 58.50-61.25 CANNER AND LOW CUTTER 1-2 45.50-49.

BULLS: YG 1-2 1225-2075 LBS. 63.75-71.00 COUPLE YG 1 1830-2085 LBS. 73.75-77.50.

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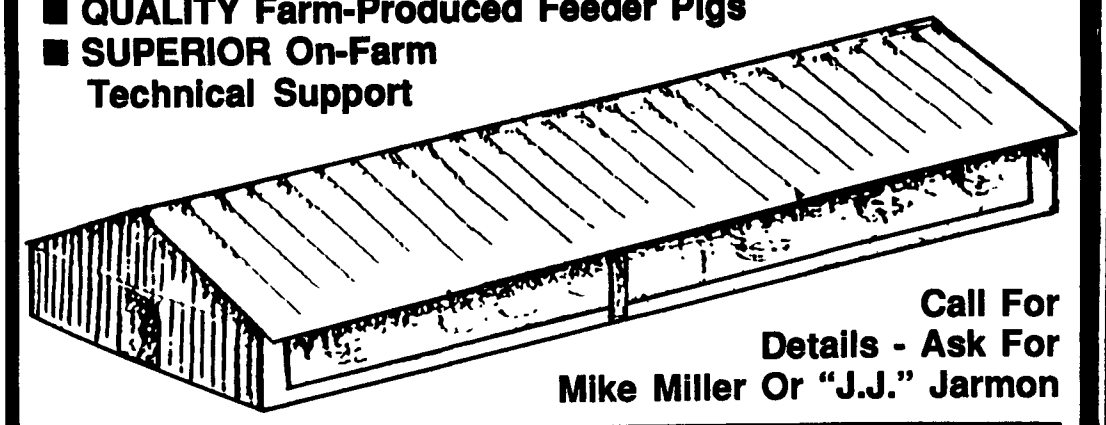

Call For Details - Ask For Mike Miller Or "J.J." Jarmon

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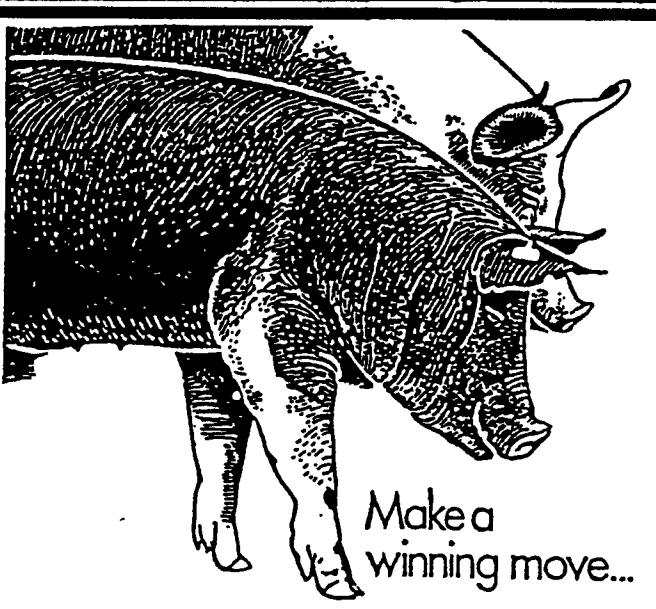

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OPINION

What Do You Think?

Wild claims that the vast majority of Americans are demanding organic food is nothing but a marketing hoax, said the President of The Fertilizer Institute.

Gary D. Myers, who heads the trade association representing the fertilizer industry, said a Gallup Poll conducted last summer shows consumers understand the role of fertilizer in food production and are unwilling to pay over 10 percent more for organic food.

"Overall, half of those responding to the Gallup poll said they are not willing to pay more money for foods grown without the use of fertilizers," said Myers. "There is a small, niche market for organic foods, and that's fine. Consumers willing to pay the premium for organics should have that choice. However, polling results and claims that perpetuate the myth that a majority of Americans want and will pay for organic food is an intellectually dishonest ploy."

Myers cited a news item in a recent edition of an organic magazine claiming that 84 percent of Americans "have a preference for organically grown fruits and vegetables."

"Those kinds of wild claims are the result of playing word games," said Myers. "Are consumers willing to pay for those so-called preferences, and if so, how much?"

The Gallup Poll results showed the nearly half of the 1,000 persons surveyed said they were willing to pay more for organic food. Two of five, or 41 percent, said they were willing to pay up to 10 percent more. However, when the food cost increase is more than 10 percent, the number of positive responses dropped dramatically. Only 16 percent said they would be willing to pay up to 20 percent, and when foods costs increased over 20 percent the positive responses dropped into the single digits.

Recent studies conclude that food costs would increase 45 percent without the use of pesticides and fertilizers.

"Clearly, there is no national outcry for more organic food," said Myers. "In fact, demand has been so low that at least two large food store chains have discontinued the organic marketing sections in their stores. It's time to put a stop to this myth that there is widespread demand for organic food." What do you think?

NOW IS THE TIME

By Jay Irwin
Lancaster County
Agricultural Agent

To Check Water Supplies

Water is one of our most important resources, but it should be checked periodically. Many families depend on wells for their water supply, but they pay little attention to the water unless the pump fails or the well runs dry. Your water should be tested annually to determine its quality.

It is important to test water following any reconstruction or addition to the water supply or its distribution system. Water supplies should be checked whenever a disease occurs that may have been caused by unsafe drinking water. If water changes in taste, odor or appearance for no reason, it should be tested.

There are many tests and analyses that can be used. Two of the most important are for nitrates and bacteria.

To Check Stored Pesticides

The shelf life of most pesticides, when stored in their original container, is usually several years. The greatest problem with stored pesticides comes from freezing temperatures. Cold overwintering temperatures may cause a breakdown of the emulsifier in liquid materials. These materials may not mix properly when added to the spray water.

To determine if the pesticide will still mix properly with water, follow this easy procedure: (1) place ½ pint of water in a small container, (2) add ½ teaspoon of the pesticide, (3) shake or stir thoroughly (you should get a milky mixture), (4) let stand for about one hour. The spray mix should remain an even milky mixture. If an oily scum or layer forms on top, or if a layer of curds appear on top, don't use the material.

To Consider Paper Bedding

As a society, we generate a lot of trash, and paper makes up a lot of that trash. Much of that trash paper is ending up in our landfills, and our landfills are filling up. We need to find alternatives. One alternative is to recycle newspapers as bedding for animals. Many farmers are using paper as bedding and many homeowners are interested in recycling their paper as bedding. The challenge is connecting farmers who need paper with people who have paper to recycle. Farmers in Lancaster County who are in need of paper should notify the Lancaster County Cooperative Extension office of their need by calling (717) 394-6851.

To Be Alert For Ticks

It seems like there is a season for everything . . . well the tick season is here. These pests may be on almost any dog or person that walks through uncultivated fields or woody areas from May to September.

Ticks await their victims on low-growing shrubs and on tall grass. They attach to, and feed on the blood of dogs and humans as well as many other animals.

To control the American dog tick, first clean the area of tall grass and weeds on which ticks await their victims. Also treat bushes 20 to 30 feet on either side of paths with Sevin. The dog should also be treated with a 5% Sevin dust at weekly intervals, or as needed, to control ticks.

The Penn State Cooperative Extension is an affirmative action equal opportunity educational institution.

Farm Calendar

Saturday, May 19

Wills 4-H/FFA Show, Howard Co. Fairgrounds, Maryland, 10:00 a.m.

Pa. Hampshire Field Day, Blu-Acre Farm, Robesonia, 10:00 a.m.-4:00 p.m.

Farm Family Insurance Driving Clinic, Horse Park, Allentown, N.J.

Clearfield Co. 4-H Practice Roundup and Fun Show, Clearfield Co. Fairgrounds.

Dauphin Co. Extension Extravaganza, Dauphin Co. Ag and Natural Resources Center, Dauphin, 9:00 a.m.-3:00 p.m.

Spring Fling Craft and Bake Sale, Refton Fire Hall, Refton, 8:00 a.m.-3:00 p.m.

Berks Co. Dairy Judging, Davis Farm, 11:00 a.m.

Monday, May 21

HEC-2 Flood Plain Hydraulics, PSU.

Centre Co. 4-H Sausage Stuffers, Halfmoon Grange Building, Centennial, 7:30 p.m.

Berks Co. Extension board of directors, Berks Co. Ag Center, 7:30 p.m.

Tuesday, May 22

Elk Co. Lyme Disease Program, Extended Care, St. Marys, 7:00 p.m.

Clearfield Co. Spring Celebration, Eastern Star Building, Clearfield, 10:00 a.m.-2:00 p.m.

Reducing Your Water Bill: Water Conservation at Home, Multi-Service Center Auditorium, Clearfield.

Center Co. Jams and Jellies Making Workshop, Logan Grange Hall, Pleasant Gap, 7:00 p.m.-9:30 p.m.

Berks Co. Swine Club, Berks Co. Ag Center, 7:30 p.m.

Northeast Forest Industry Safety Committee safety meeting, Triton Hose Co., Tunkhannock, 6:00 p.m.

Sunday, May 27

NW Keystone Jr. Beef Classic, Crawford Co. Fairgrounds, Meadville.

Monday, May 28
Memorial Day

Friday, June 1

Bradford Co. Dairy Festival, Athens, Pa., 7:00 p.m., thru June 2.

Saturday, June 2

Cecil Co. Farm Show, Western, Fairhill Grounds, 9:00 a.m.

Washington Co. Sheep & Wool Field Day, Washington Fairgrounds, 8:00 a.m., thru June 3.

Bradford Co. Dairy Festival, Athens, Pa.

(Turn to Page A11)

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

WE CAN OVERCOME!

May 20, 1990

Background Scripture:
1 John 5:1-15.
Devotional Reading:
2 Peter 1:1-11.

Do you ever pick up the morning paper and, after scanning the depressing headlines, think to yourself: "The world is going to hell in a handbasket" — or words to that effect? Or perhaps a similar mood sweeps over you while watching the late evening television news. Nothing seems to be going right anywhere we look — inflation, the national debt, bank closings, acid rain, strife in Northern Ireland, civil war in Lebanon, apartheid in South Africa, corruption in Washington, D.C., and drugs everywhere in America.

It is so difficult for us when on every side things seem to be getting steadily worse. Yet, at the same time, our Christian faith counsels us to believe that God's kingdom will come and his will be done. We believe that with our minds, but our gut level feeling is sometimes something else. So we try to hang on, trusting in the promises of God, looking for a sign that will dispel our gloom and permit us to survive.

MORE THAN SURVIVAL

Human beings are great survivors. Sometimes I marvel at the true life stories of people who surmount all kinds of perils and dangers in order to survive. Somehow, these people manage to hang on. But the Christian promise is not about survival, but victory. Not only will we endure, but we will overcome: "Every one who believes that Jesus is the Christ is a child of God...For whatever is born of God overcomes the world..." (5:1a,4a).

By love—God's love for us and our love for others—we are as close to him as it is possible to get. 1 John calls this closeness *abiding* "in him and he in us" (4:13). If we abide in him and he abides in us then we will share the ultimate victory that will be his. If we live close to him, loving as he loves, then the victory will be ours, too. "Who is it that overcomes the world but he who believes that Jesus is the Son of God?" (5:5).

BEYOND BELIEF

So, ultimately it boils down to faith. Not just belief, but faith. This is not just a matter of the ideas that we cling to, but that which, we permit to empower our lives. One of my seminary professors, Paul W. Hoon, has said: "...the battlefield on which the believer overcomes the world is ultimately not that of thought or theology but the sphere of his daily living." It is much more than the faith we profess—it is the faith by which we live.

To me, that's what makes Christianity so vital. It has a theology, but it is essentially practical. It is a way of life much more than it is a way of speaking. And the essence of that way of living is love, the way we treat one another, the way we respond to each other's needs, the way we regard God's other children. When we are unloving it means we simply do not have sufficient faith in God. It means that we believe in ourselves and our fears more than we believe in him.

But, on our own we will not survive, let alone be victorious. We can only overcome if we first learn to love.

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A Steinman Enterprise
Robert G Campbell — General Manager
Everett R. Newswanger — Managing Editor

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OTIS, HOW DO YOU KEEP GOING SO STRONG AFTER ALL THESE YEARS?
WELL, I GET PLENTY OF EXERCISE AND I EAT A GOOD DIET, AND A BIG PART OF THAT DIET IS BEEF...
DAVE CARPENTER

FDA Approves Sale Of Bioengineered Food Ingredient

According to the April issue of Dairymen News, The Food and Drug Administration (FDA) on March 26 gave Pfizer, Inc., the go-ahead to sell the first genetically engineered food ingredient.

The FDA declared safe for human consumption Pfizer's bioengineered copy of rennin, the natural enzyme widely used by the dairy industry to make cheese.

Pfizer uses a common strain of bacteria (Escherichia coli K-12) to produce its genetically engineered rennin. The calf gene carrying the genetic code for natural rennin is implanted in the bacteria. The altered bacteria, in turn, produce rennin that is identical to the natural enzyme.

It took the FDA 29 months to approvel Pfizer's petition, because agency officials had to satisfy themselves that the product didn't pose any environmental threat and it coagulated milk at the same rate as calf rennin.

Biotechnology experts see Pfizer's product as only the first in a wave of genetically engineered enzymes that will eventually win FDA approval. Other firms are currently seeking FDA approval for bioengineered milk coagulants.

Farm Calendar

(Continued from Page A10)

Sunday, June 3

Washington Co. Sheep & Wool Field Day, Washington Fairgrounds, 11:00 a.m.

Monday, June 4

Tuesday, June 5

Lancaster Co. Plant Disease Clinic, Lancaster Farm and Home Center, 7:00 p.m.-8:00 p.m.

Wednesday, June 6

Pa. Rabbit Conference, June 6-9, Montgomery Co. Creamery (Penn State Extension), (215) 489-4315.

Thursday, June 7

Friday, June 8

Delmarva Chicken Festival and Cooking Contest, Easton, Md., thru June 9.

Saturday, June 9

Delmarva Chicken Festival and Cooking Contest, Easton, Md.

Northeast Ohio Dairy Goat Association Annual Show, Randolph Fairgrounds, Randolph, Ohio, thru June 10.

Wye Headquarters Dedicated

COLLEGE PARK, MD — The Wye Research and Education Center is acquiring a new look.

Maryland's Agricultural Experiment Station has awarded a $2.25 million contract to Willow Construction Inc. of Easton to construct a 16,000-square-foot headquarters at Wye.

The new headquarters will provide wet and dry laboratories for researchers, as well as office space for Center staff and Cooperative Extension Service specialists.

Construction began May 1; the project is scheduled for completion in May 1991. Located near the Wye Narrows, the new headquarters will be named after the late Mr. Arthur A. Houghton Jr.

A formal dedication ceremony will be held at the August 23 Wye Field Day. Mr. Houghton, a generous supporter of the University of Maryland, played a key role in the formation of the Wye Research and Education Center.

Beginning in 1966, Houghton, through the Wye Institute, made 100 acres available for University research. His total land gifts through the Wye and Aspen Institutes now include more than 420 acres of land, in addition to the rent-free use of an additional 400 acres.

He also donated his world-renowned Wye Angus Herd to the University of Maryland Foundation in 1978. This gift included an endowment to support the herd.

The Wye Research and Education Center, consisting of nearly 1,000 acres, is located on the Wye River in southern Queen Anne's County. One of four Agricultural Experiment Station Research and Education Centers, the Wye Center was formally established in 1982.

The Center's unique location makes it an ideal site for assessing agriculture's effect on the Chesapeake Bay. Research projects include the tracking and recovery of excess plant nutrients, the testing of alternatives to agricultural chemical use, and quantifying the effects of these chemicals on aquatic life. These studies are helping Maryland reach the 40-percent nutrient reduction goal established by the multi-state Chesapeake Bay Agreement.

In addition to water quality and aquaculture, research at Wye focuses on integrated pest management, plant breeding and gentics, Angus breeding and genetics, quality of life studies and energy development, use and conservation.

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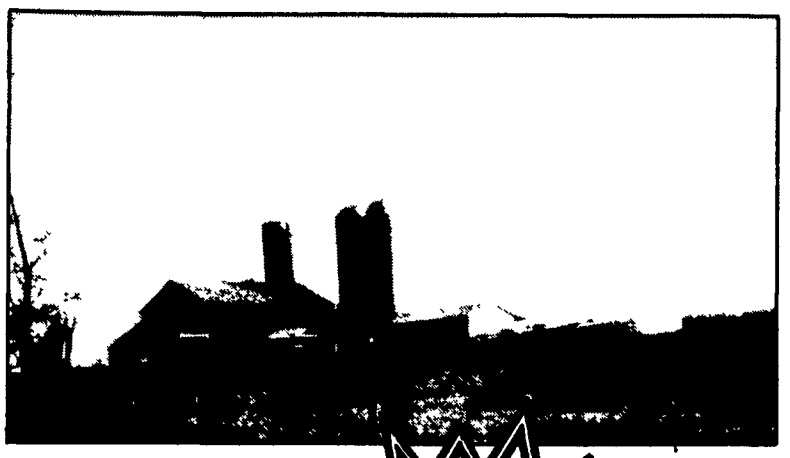

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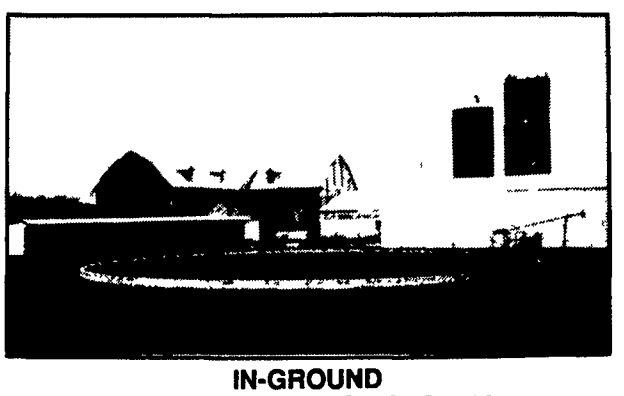
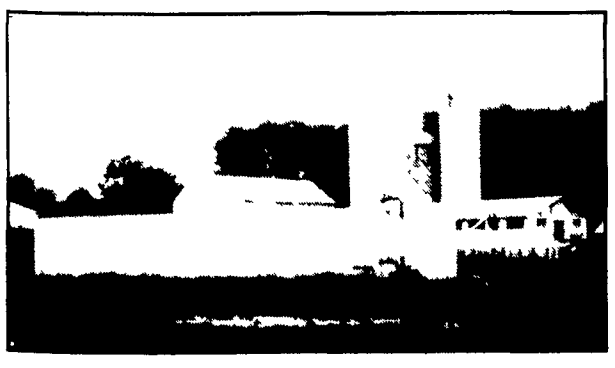
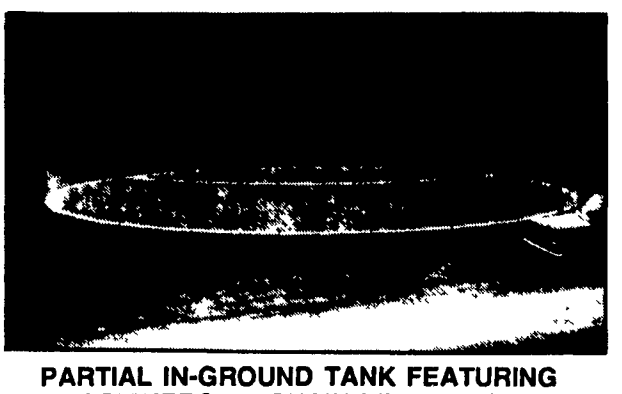


IN-GROUND MANURE STORAGE SYSTEM



ABOVE-GROUND MANURE STORAGE TANK WITH SIDE-MOUNT PUMP



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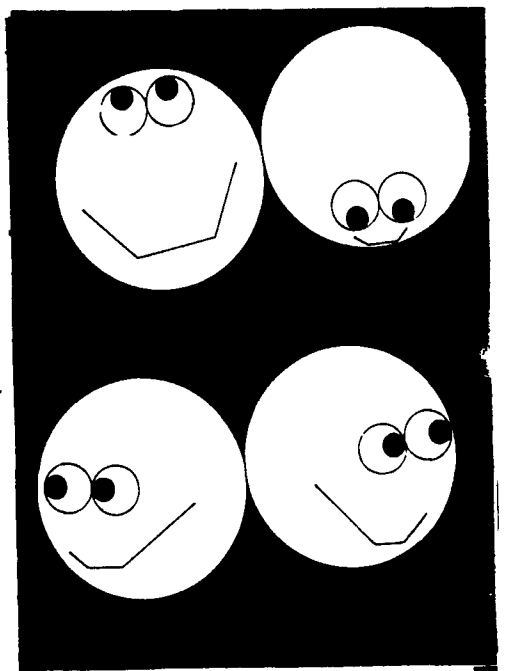

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Southeast And Central Virginia Area Livestock Summary

Smithfield and Southside (Blackstone), Va.
Wednesday, May 16, 1990

ALL TRENDS COMPARED TO LAST WEDNESDAY SOUTHSIDE CATTLE SOLD ON OUT WEIGHTS.

SLAUGHTER HOGS 235 HEAD - SLAUGHTER SOWS $1.25-8.00 LOWER. BOARS STEADY TO 75 CENT LOWER. BARROWS AND GILTS US 1-3 200-250 LBS 61.25 SOWS US 1-3 300-500 LBS 48.80-49.20 500 LBS & OVER 49.50-51.50 BOARS 47.80-48.40.

SLAUGHTER CATTLE 28 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 16 HEAD CUTTER & BNG.UT. 1-3 58.50-59.75 BRKG.UT. & COMM. 2-4 50.00-57.00 CANNER & LOW CUTTER 1-2 50.00-55.00.

SLAUGHTER BULLS 4 HEAD; 1-2 900-1300 LBS 64.50-65.00 1-2 1300-1600 LBS 66.00-66.75.

FEEDER CATTLE 233 HEAD - FEEDER STEERS, FEEDER HEIFERS AND FEEDER BULLS STEADY. STEERS; MEDIUM 1 MED.&LARGE 2 300-400 --- 92.50-100.00 400-500 98.50-103.50 97.00-97.50 500-600 88.50-93.00 --- 600-700 85.00 --- 700-800 --- 78.00-81.00 HEIFERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 200-300 101.00 --- --- 300-400 85.50-96.00 84.50-87.50 79.00-85.00 400-500 --- --- 84.00-88.50 500-600 85.50-87.50 --- 83.50 FEEDER BULLS; MED. 1 200-300 LBS 113.00-121.00 300-400 LBS 115.00 400-500 LBS 88.00-99.50 500-600 LBS 82.50-85.50 BABY CALVES RETURNED TO FARMS 12 HEAD NEWBORN TO 4 WK OLD $57.50-82.50 1 AT $145.00 PER HEAD. OVER 100 LBS $87.50-115.00 PER CWT.

Southwest Virginia Area Livestock Summary

Wytheville, Va.
Tuesday, May 15, 1990

ALL TRENDS COMPARED TO LAST TUESDAY.

SLAUGHTER HOGS 10 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 1-3 200-250 LBS 56.10 US 2-4 250-300 LBS 50.00 US 1-3 180-200 LBS 49.00 SOWS US 1-3 300-500 LBS 47.00-48.00.

SLAUGHTER CATTLE 40 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 38 HEAD CUTTER & BNG.UT. 1-3 50.00-57.50 BRKG.UT. & COMM. 2-4 53.00-60.00 CANNER & LOW CUTTER 1-2 42.00-48.00.

SLAUGHTER BULLS 2 HEAD; 1-2 1300-1600 LBS 63.00 1-2 1600 LBS & OVER 61.00.

LAMBS TOTAL 125 HEAD - NO TRENDS REPORTED. SLAUGHTER LAMBS 95 HEAD HIGH CHOICE AND PRIME 95-125 LBS SPRING 63.00; WOOL 57.00 CHOICE 85-125 LBS WOOL 57.50 EWES AND RAMS 30 HEAD SLAUGHTER EWES ALL GRADES 17.00 14 HEAD GOATS $15.00-47.00 PER HEAD.

FEEDER CATTLE 187 HEAD - NO TRENDS REPORTED STEERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 200-300 104.00-116.00 --- --- 300-400 96.00-111.00 --- 94.00-95.00 400-500 95.00-100.00 84.00-87.00 85.00-90.00 500-600 94.00-95.00 --- --- 600-700 87.00 --- --- 700-800 --- --- 75.00-76.00 HOLSTEIN STEERS; MED.&LARGE 1-2 300-500 LBS 92.00-104.00; 500-700 LBS 84.00-90.00 700-900 LBS 79.25; 900-1100 LBS 62.00.

HEIFERS; MEDIUM 1 LARGE 1 SMALL 1 MED.&LARGE 2 200-300 90.00-96.00 --- --- --- 300-400 89.00-99.50 94.00-99.00 82.00-87.00 83.00-88.00 400-500 90.00-95.00 92.00-96.00 --- 82.00-83.00 500-600 86.00-90.00 --- --- 84.00-87.00 600-700 76.00-79.00 --- --- --- 700-800 74.50 --- --- --- FEEDER BULLS; MED. 1 MED.&LARGE 2 300-400 LBS 90.00-98.00 85.00-92.00 400-500 LBS 89.00-99.00 80.00-85.00 700-900 LBS 74.00-81.00 --- BABY CALVES RETURNED TO FARMS 16 HEAD NEWBORN TO 4 WK OLD 62.00-175.00 PER HEAD.

Four States Livestock

Hagerstown, Md.
Wednesday, May 16, 1990
Report supplied by Auction

SLAUGHTER COWS: UTILITY 54.00-59.00; HIGH DRESSING UP TO 61.00; CANNERS 53.00-56.00; SHELLY 52.00 DOWN.

BULLS: 1200-2340 LBS. YG#1 69.00-72.00; YG#2 63.00-67.00; CHOICE BULLOCKS 1150-1350 LBS. 68.00-72.00.

FED STEERS: HIGH CHOICE 1200-1400 LBS. UP TO 78.25; AVG. CHOICE 74.00-77.00; SELECT 68.00-73.00; CHOICE HOLSTEINS UP TO 70.25.

FED HEIFERS: CHOICE 1000-1200 LBS. 70.00-73.00; CHOICE #4 1200-1400 LBS. 63.00-68.00.

VEAL CALVES: CHOICE 200 LBS. UP TO 110.00; CULLS 85-120 LBS. 85.00-94.00; 50-80 LBS. 78.00-88.00; WEAK AND ROUGH 75.00 DOWN.

HOLSTEIN BULLS: #1 90-125 LBS. 170.00-195.00; #2 85-110 LBS. 110.00-160.00.

HOLSTEINS HEIFERS: 90-125 LBS. UP TO 160.00; BEEF X BULLS UP TO 185.00; HEIFERS 135.00.

BUTCHER HOGS: #1 AND 2 220-260 LBS. UP TO 61.85; #1 AND 3 60.00-61.00; 270-325 LBS. 48.00-53.00.

SOWS: 300-500 LBS. 48.00-52.00; 500-700 LBS. 50.00-53.00.

BOARS: 47.75-48.50.

STOCK CATTLE, STEERS: 300-500 LBS. 88.00-99.00; 500-700 LBS. 75.00-90.00; 700-900 LBS. 68.00-78.00.

HEIFERS: 300-500 LBS. 80.00-94.00; 500-700 LBS. 70.00-85.00; 700-900 LBS. 60.00-68.00.

BULLS: 200-300 LBS. 100.00-118.00; 300-400 LBS. 85.00-103.00; 400-600 LBS. 75.00-86.00; 1 825 LB. AT 69.50.

DAIRY REPLACEMENTS, SPRINGERS: LARGE 900.00-1075.00; MEDIUM 700.00-900.00; FRESH MEDIUM UP TO 800.00; BRED HEIFERS UP TO 970.00.

HOLSTEIN HEIFERS: 300-500 LBS. 80.00-97.00; 500-700 LBS. 68.00-88.00; 700-900 LBS. 57.00-70.00.

YEARLING BULLS, BY THE HEAD: UP TO 685.00; 750-1100 LBS. 57.00-67.00.

LAMBS: CHOICE 60-95 LBS. 66.00-69.00.

GOATS: LARGE UP TO 74.00; MEDIUM 45.00-60.00; SMALL UP TO 40.00.

PIGS AND SHOATS, BY THE HEAD: 20-30 LBS. 30.00-44.00; 35-45 LBS. 45.00-48.00; BY THE POUND, 140-195 LBS. 56.00-58.00.

NOTE: NEXT WED., MAY 23, SPECIAL FEEDER CATTLE SALE. PRICES WERE 3.00-5.00 HIGHER THIS WEEK. PLAN TO SELL WHILE DEMAND IS STRONG.

North Jersey Livestock

Hackettstown, NJ
Tuesday, May 15, 1990
Report supplied by auction

CALVES .44-2.10.
COWS .35-.62.
EASY COWS .15-.53.
HEIFERS .41¼-.71.
BULLS .56-.70¼.
STEERS .66¼-.78¼.
HOGS .35-.56.
SOWS .40-.53.
ROASTING PIGS EACH 25.00-60.00.
BOARS .42-.48.
SHEEP .15-.62.
LAMBS, EACH 22.00-78.00.
LAMBS PER LB. .30-1.02.
GOATS EACH 24.00-130.00.
KIDS EACH 15.00-60.00.
TOTAL 1139.

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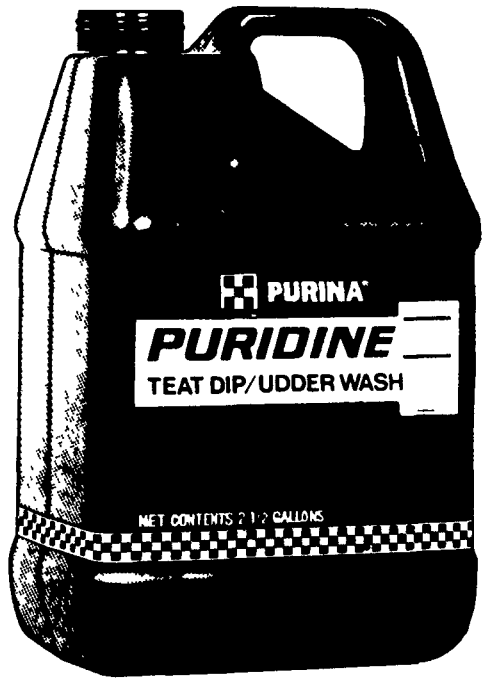

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Greencastle Livestock

Greencastle, Pa.
Monday, May 14, 1990

SLAUGHTER CATTLE RECEIPTS: 447 HD. SLAUGHTER STEERS: 130 HD. TREND: 1.00 HIGHER. HIGH CHOICE & PRIME 2-4 78.00-82.50, CHOICE 2-3 950-1075 LBS. 74.00-78.50, CHOICE 2-3 1075-1375 LBS. 75.00-80.00, CHOICE 2-3 OVER 1375 LBS. 74.00-78.75, CHOICE 4 ALL WEIGHTS 72.00-75.50, SELECT & CHOICE 1-2 950-1100 LBS. 71.00-75.00, SELECT & CHOICE 1-2 1100-1375 LBS. 70.00-74.50, SELECT & CHOICE 1-2 OVER 1375 LBS. 67.00-71.50. HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 65.00-71.00, SELECT 1-2 1050-1450 LBS. 59.00-64.75. SLAUGHTER HEIFERS: 77 HD. TREND: 1.00 HIGHER. CHOICE 2-3 850-1000 LBS. 69.00-75.00, CHOICE 2-3 1000-1250 LBS. 74.00-78.50, CHOICE 4 ALL WEIGHTS 70.00-74.50, SELECT & CHOICE 1-2 850-1000 LBS. 68.00-74.50, SELECT & CHOICE 1-2 1000-1250 LBS. 69.00-75.00. HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 64.00-68.75, SELECT & CHOICE 1-2 1000-1350 LBS. 59.50-63.75. SLAUGHTER BULLS: 14 HD. TREND: 1.00 HIGHER. YIELD GRADE 1 ALL WEIGHTS 64.50-75.75, YIELD GRADE 2 ALL WEIGHTS 59.75-64.25. COWS: 226 HD. TREND: 1.00 TO 2.00 HIGHER. BREAKING UTILITY & COMMERCIAL 54.50-60.50, CUTTER & BONING UTILITY 55.00-64.00, CANNER & LOW CUTTER 54.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 96 HD. TREND: STRONG DEMAND. BEEF TYPES: 200-400 LBS. STEERS 86.00-106.00, BULLS 86.00-100.00, HEIFERS 80.00-90.00; 400-600 LBS. STEERS 75.00-90.00, BULLS 70.00-84.50, HEIFERS 70.00-82.00; 600-800 LBS. STEERS 70.00-84.50, BULLS 68.00-78.00, HEIFERS 67.00-72.00; 800-975 LBS. STEERS 68.00-78.00, BULLS 62.00-66.00, HEIFERS 62.00-68.00. HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 80.00-96.00, BULLS 80.00-91.00, HEIFERS 90.00-110.00; 400-600 LBS. STEERS 70.00-76.00, BULLS 67.00-79.00, HEIFERS 70.00-84.00; 600-800 LBS. STEERS 65.00-70.00, BULLS 60.00-64.50; 800-975 LBS. STEERS 60.00-66.00, BULLS 57.00-63.00.

CALVES: 401 HD. VEAL CALVES: TREND: 3.00 HIGHER. CHOICE 150-300 LBS. 105.00-124.00, GOOD 150-300 LBS. 90.00-104.00, GOOD 100-150 LBS. 90.00-105.00, GOOD 80-100 LBS. 85.00-92.00, STANDARD 80-100 LBS. 80.00-87.00, STANDARD 80 LBS. & DOWN 79.00 & DOWN. CALVES RETURNING TO THE FARM: TREND: STEADY TO 10.00 HIGHER. HOLSTEIN BULLS OVER 100 LBS. UP TO 198.00, UNDER 100 LBS. UP TO 193.00, HOLSTEIN HEIFERS OVER 100 LBS. UP TO 180.00, UNDER 100 LBS. UP TO 170.00, BEEF TYPE BULLS OVER 90 LBS. UP TO 185.00, BEEF TYPE HEIFERS OVER 90 LBS. UP TO 165.00.

SHEEP & LAMBS: 59 HD. LAMBS: TREND: STEADY 1.00 LOWER. CHOICE, 80-100 LBS. 62.00-67.75; SPRING 100-120 LBS. 60.00-62.00; 120 & OVER 55.00-60.00. MEDIUM & GOOD, ALL WEIGHTS 50.00-58.00. LIGHT LAMBS 65.00-75.00. SHEEP: EWES, LEAN 20.00-24.00; EWES, FAT 15.00-19.00; YEARLINGS 30.00-39.00, BUCKS 12.00-18.00.

GOATS: 77 HD. SMALL 16.00-31.00, MEDIUM 32.00-55.00, LARGE 55.00-85.00.

HOGS, SOWS & BOARS: 179 HD. HOGS: BARROWS & GILTS: TREND: 1.00 HIGHER. 210-250 LBS. 60.00-62.50, 250-260 LBS. 60.00-61.00, 260-270 LBS. 57.00-59.00, 270-300 LBS. 54.00-56.50. LIGHT HOGS: 140-180 LBS. 45.00-54.00, 180-210 LBS. 51.00-54.50. SOWS: TREND: 2.00 LOWER. GOOD SOWS UNDER 400 LBS. 49.00-53.50, GOOD SOWS OVER 400 LBS. 50.00-55.00, CULL SOWS ALL WEIGHTS 48.00 & DOWN. BOARS: TREND: 1.00 LOWER. 180-210 LBS. 45.00-50.00, 210-260 LBS. 45.00-49.00, 260-300 LBS. 45.00-48.00, 300 LBS. & OVER 47.00-49.75.

FEEDER PIGS: (BY THE HEAD) 20-30 LBS. 18.00-29.00; 30-40 LBS. 30.00-48.00; 40-50 LBS. 40.00-49.00; 60 LBS. & OVER BY THE LB. 50.00-65.00.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE: FRIDAY, JUNE 1, AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, MAY 26, AT 1:00 P.M.

Valley Livestock

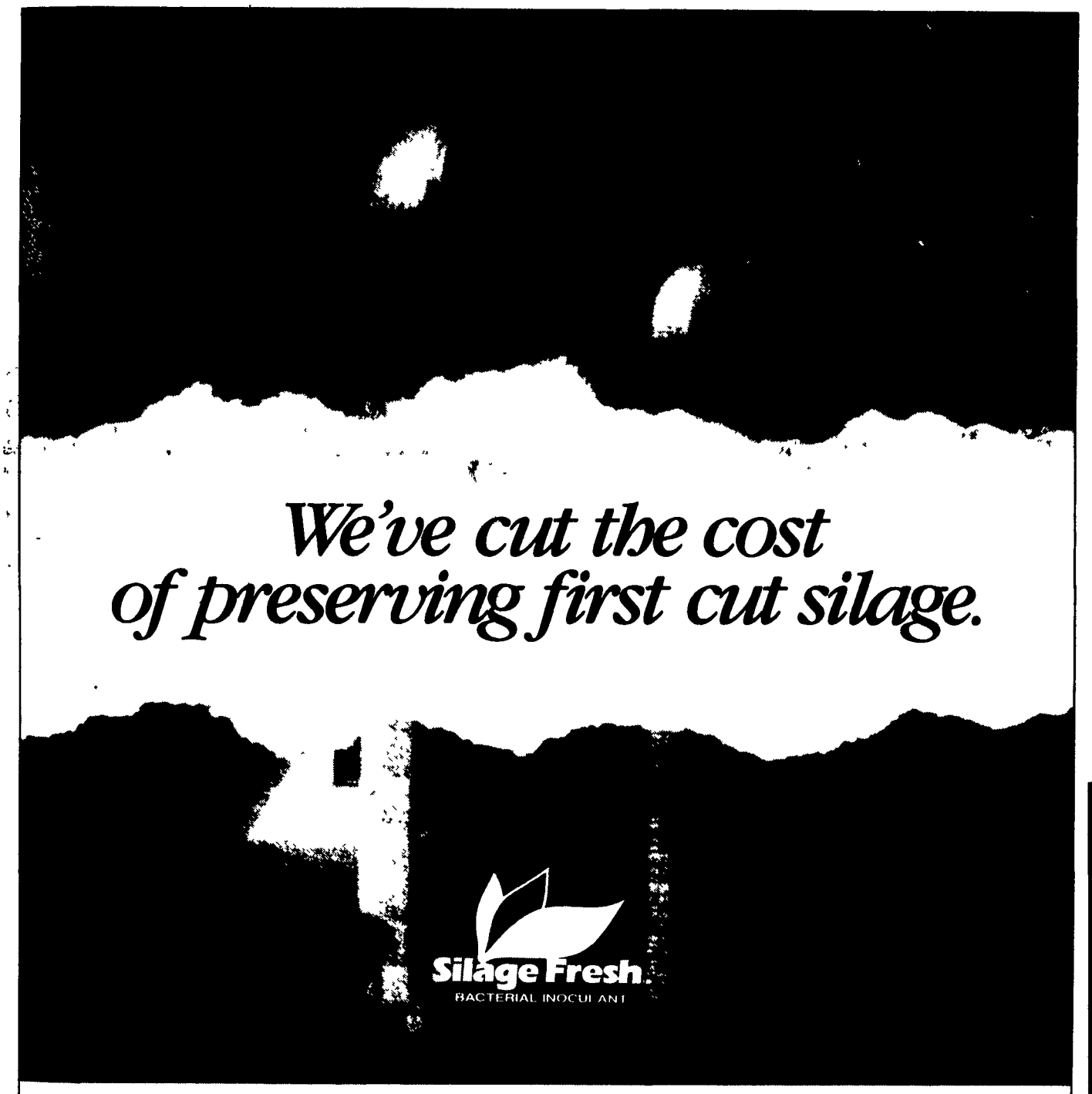
Athens, Pa.
Monday, May 14, 1990
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 175.00.
VEAL CALVES TO 101.00.
VEALER BULL CALVES 160.00-2.00.
SLAUGHTER CALVES 98.00 AND DOWN.
GRASSERS & FEEDERS 50.00-80.00.
LAMBS 65.00-115.00.
SHEEP 14.00-28.00.
HOGS 200 TO 250 LBS. 55.00-64.00.
SOWS TO 52.00.
BOARS TO 45.00.
PIGS TO 47.00.
HEIFERS 52.00-64.75.
STEERS 55.00-64.00.
FEEDER STEERS 48.00-82.00.
BULLS 55.00-68.50.
COWS GOOD 55.00-61.50.
COWS MEDIUM 48.00-53.00.
COWS POOR OR SMALL 52.00 AND DOWN.
CATTLE MARKET GOOD.
CALF MARKET GOOD.
HORSES SMALL TO 385.00.
LARGE PONIES TO 425.00.
GOATS 40.00-96.00.

Friend's Stockyard, Inc.

Accident, Md. 21520
May 14, 1990

STOCK BULLS & STEERS (200 TO 400 LBS.) 75.00-98.00.
STOCK HEIFERS: 65.00-92.50.
SLAUGHTER STEERS: GOOD TO CHOICE 74.50-78.85; MEDIUM TO GOOD 67.00-74.00.
HOLSTEIN STEERS: HEAVY 60.00-69.00; LIGHT 67.00-61.50.
SLAUGHTER HEIFERS: GOOD TO CHOICE 72.00-75.50; MEDIUM TO GOOD 64.00-73.00.
BULLS: HEAVY 63.00-72.75; LIGHT 60.00-64.50.
COWS: FEW HIGH DRESSING 56.00-60.00; UTILITY HOLSTEIN 50.00-55.75; CANNERS 44.00-54.50; COMMERCIAL TO GOOD 47.00-53.00; CULL COWS 44.00 & DOWN.
VEALS: GOOD TO CHOICE 95.00-130.00, MEDIUM TO GOOD 75.00-90.00.
BOB CALVES: 50.00-85.00.
HOLSTEIN BULL CALVES: RETURN TO FARM 100-120 LB. 170.00-194.00.
HOLSTEIN HEIFER CALVES: RETURN TO FARM 100-120 LB. 90.00-176.00.
HOGS: TOP QUALITY 61.00-62.25; HEAVY 58.50-59.50; LIGHT 45.00-54.00.
SOWS: 51.00-54.00.
MALE HOGS: 40.00-46.50.
EGGS: (PER DOZEN) LARGE .53-.68; MEDIUM .49.



Preserve a ton of silage for 89¢

Now, just in time for your first cut hay crop, Agway Silage Fresh Bacterial Inoculant is available at a special low cost. For just 89¢ per ton of silage, it can help you produce the quality forage you need to ensure profitable milk production levels.

- Save time and money with this special offer from Agway.
- Get valuable technical support and production know-how from your Agway Enterprise Salesperson.
- A complete line of quality forage products.
  For baled hay, grass, and legume—Field Fresh II: 5 and 55 Gallon
  For hay crop and corn silage—Silage Fresh Bacterial Inoculant: 200 grams
  Silage Fresh Enzyme Soluble: 220 grams
  Silage Fresh Dry: 50 lbs.

Contact your Agway Enterprise Salesperson for more information, or visit your local Agway store. Quality forage can help make a profitable difference on your dairy farm.

AGWAY

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BARN SPRAYING IS OUR BUSINESS
WE WHITEWASH OVER 1,000 BARNS A YEAR USING ADVANTAGE FARM WHITE

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7:00 AM to 5:00 PM
We will take work within 100 mile radius of Lancaster
CERTIFIED COMMERCIAL APPLICATORS LICENSED INSURED
★ Spraying Since 1961 ★

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The first time you use this new shredder pump, you'll know it's a real Nesseth! It's all new, it's tough and it features our high-capacity Starburst impeller that rips even the hardest packed material apart to form a smooth homogenized mixture for easy handling
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Myerstown, PA 17067
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Bob Brubaker 717-464-3136
John Swope 717-933-4758

Estimated Daily Livestock Slaughter

Under Federal Inspection

May 16, 1990

	CATTLE	CALVES	*HOGS*	SHEEP
WED., 05/16/90 (EST)	128,000	6,000	297,000	22,000
WEEK AGO (EST)	126,000	6,000	313,000	22,000
YEAR AGO (ACT)	126,000	7,000	316,000	21,000
WEEK TO DATE (EST)	382,000	19,000	896,000	60,000
SAME PD LT WK (EST)	367,000	19,000	888,000	62,000
SAME PD LT YR (ACT)	377,000	21,000	934,000	59,000

Oklahoma City Feeder Cattle

Oklahoma City, Okla.
Wednesday, May 16, 1990

OKLAHOMA NATIONAL STOCKYARDS, WEEKLY CATTLE SUMMARY.

COMPARED WITH LAST WEEK: STEERS STEADY TO $1.00 HIGHER WITH WEIGHTS FROM 650-725 LB. ADVANCING $1.00-$2.00. HEIFERS UNDER 600 LB. STEADY TO $1.00 HIGHER; OVER 600 LB. STEADY. FEEDER DEMAND GOOD. BUYER ATTENDANCE BROAD. BULK SUPPLY 650-900 LB. STEERS & 550-800 LB. HEIFERS. CALVES AND LIGHT STOCKERS IN THIN TO AVERAGE FLESH CONDITION. MAJORITY STEERS OVER 650 LB. AND HEIFERS ABOVE 625 LB. IN SLIGHTLY THIN THROUGH MODERATE FLESHY CONDITION. SLAUGHTER COWS $1.50-$2.00 LOWER. SLAUGHTER BULLS $1.00-$2.00 HIGHER. COW AND BULL DEMAND MODERATE. RECEIPTS THIS WEEK 12,800 HEAD; LAST WEEK 12,173; LAST YEAR 9,270. RUN INCLUDED 80% YEARLINGS; 17% CALVES & LIGHT STOCKERS; 3% COWS & BULLS. BULK RANGES FOR THE WEEK FOLLOW:

FEEDER STEERS: MEDIUM & LARGE FRAME 1, 250-350 LB. $124.00-$130.50; 350-425 LB. $109.00-$117.00; 425-500 LB. $101.00-$109.75; 500-600 LB. $96.25-$105.00; 600-650 LB. SCARCE; 650-700 LB. $88.00-$94.50; 700-750 LB. $85.50-$90.75, LATE $87.00 UP; 750-800 LB. $84.00-$87.50; 800-900 LB. $82.00-$85.50. HOLSTEINS: LARGE FRAME 2, 400-475 LB. $89.00-$95.00; 550-600 LB. $81.00-$85.00; 625-675 LB. $75.75-$77.00; 700-800 LB. $71.00-$75.25; 800-825 LB. $70.00-$72.75.

FEEDER HEIFERS: MEDIUM & LARGE FRAME 1, 250-300 LB. $110.00-$114.00; 350-375 LB. $98.50-$103.50; 400-500 LB. $94.00-$100.50; 500-600 LB. $88.50-$94.00; 600-700 LB. $82.00-$88.00, THIN 600-650 LB. $87.25-$90.50; 700-750 LB. $80.00-$84.50; 750-800 LB. $79.00-$82.00.

SLAUGHTER COWS: BULK, LATE SALES: CUTTER, BONING UTILITY, AND BREAKING UTILITY Y.G. 1-4, AVERAGE DRESSING $53.00-$55.75; HIGH DRESSING $54.50-$58.50; LOW DRESSING $50.25-$53.75.

SLAUGHTER BULLS: Y.G. 1 1225-2225 LB. AVERAGE DRESSING $64.00-$67.50; HIGH DRESSING $68.75-$72.75; LOW DRESSING $58.50-$63.25.

FEEDER COWS: MEDIUM AND LARGE FRAME 1 YOUNG $61.75-$67.25 PER CWT.

PAIRS: MEDIUM FRAME NO. 1 MUSCLED ENGLISH BRED COWS 4-8 YEAR OLD 975- 1025 LB. WITH 175-275 LB. CALVES $830.00-$910.00; LOT 950 LB. 5 YEAR OLD BRAHMA CROSS WITH 225 LB. CALVES $940.00.

Diesel Fuel PROBLEMS?

FPPF FUEL POWER

The Additive For All Reasons And Seasons!

FPPF Fuel Power is a year 'round fuel additive that:

- totally disperses water to protect the fuel injection system
- prevents the growth of algae
- decarbonizes the entire fuel injection system
- provides GREATER POWER and more miles per gallon

For further information, write/call:

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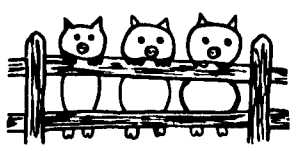
DIESEL FUEL INJECTION & TURBO CHARGER SPECIALIST
TUNE UPS AVAIL. BY APPT.
6030 Jonestown Rd., Harrisburg, PA 17112
717-545-5931 Interstate 81 Exit 26

#1 YEAR ROUND BEST SELLER

SOYBEAN ROASTING ON YOUR FARM

Don't Waste It - Roast It!

This Little Piggy Went To Market,
This Little Piggy Stayed Home,
This Little Piggy Had...
ROASTED SOYBEANS



Make Higher Profits From All Grains.
Roasting Improves TDN, Destroys Mold,
Retards Toxins & Removes Moisture.

CUSTOM GRAIN ROASTING DONE IN PA. & SURROUNDING STATES

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Nottingham, Pa. 19362
215-932-4761

DAVID N. GROFF
RD 1 Box 506C
Lewisburg, Pa. 17837
717-966-3593

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, May 15, 1990

Report Supplied by PDA

REPORT FOR TUESDAY, MAY 15 NOT AVAILABLE; ALTHO HEADAGES WERE SUPPLIED BY THE AUCTION AS FOLLOWS: CATTLE 151, CALVES 181, HOGS 239, FEEDER PIGS & GOATS 0, SHEEP 1.

EVERGREEN TRACTOR CO., INC.

ANNOUNCING THE AVAILABILITY OF USED PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:

JD 2040 Diesel....$6,950
NH L325 Skid Loader, 411 Hrs.,nice....6,850
JD 2640, R&P, Dual Remote....$10,500
JD 4030 QR Fender Tractor....$12,950
JD 2640 With Hi-Lo, Loader....$13,500
Case 1816B Skid Steer Loader....$3,750
Bobcat #722 Steer Skid Loader
IH #244 4 Wheel Drive w/AG Tech Loader, Power Steering, Like New, Less Than 100 Hrs.
JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp....$26,600
JD 4440 Quad Range, Sound Guard, Sharp....$27,500
JD 4240 PS, Sound Guard....$27,500
Case 1816 Skid Steer Loader....$2,450
IH 656 Gear, 3 Pt. Turbo....$5,350
IH 300 w/Plow....$1,950
Oliver 70....$850
IH 444 Utility....$4,250

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head....$3,650
13' Rigid Head for Side Hill....$1,750
NH 890 2 Row Narrow Snapper Head....$1,200
(2) JD 443 Corn Heads....ea. $4,650
JD 643 Corn Head
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 213 Flex Yellow Reel
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice....$21,750
JD #444 Corn Head....$3,650
JD 653 6 Row 30" Bean Head....$4,450

HAY & FORAGE EQUIPMENT:

NI #402 Rake
JD 1 Row, Row Crop Attachment, Nice....$550
JD 5½' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
Ford 3 Pt. Flail Mower
MC 7' Rotary Scythe....$1,450
JD 24T Baler w/Ejector
NH 1010 Bale Wagon....$4,350
IH #35 Side Rake....$1,150
JD 15A Chopper....$1,350
JD 27 6 Row Stalk Shredder....$2,950
NH 707 3 Pt. Harvester w/Both Heads, Nice....$1,075
NH 268 Baler w/Ejector

ROW CROP CULTIVATORS & ROTARY HOES

JD 4 Row Front Mount Cultivator For 3020....$1,550
JD RM 4 Row Cultivator....$1,275
JD RM 8 Row 30" Cultivator w/Transport....$2,275
JD 415 Rotary Hoe....$1,550
JD RM 6 Row Cultivator....$1,650
JD RM 4 Row Narrow Cultivator....$1,275
JD 20' Rotary Hoe, Like New
JD 6 Row Front Mount Cultivator....$2,650

PLANTERS & GRAIN DRILLS:

JD 8300 21x7 DD Drill....$4,200
JD 8350 23x7 Drill w/Grass And Gang Press Attach., Nice....$5,800
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice....$8,750
JD 7200 4 Row Planter, Sharp....$9,500
(2) ea. JD 8000 18x7 Drills w/Tandem Hitch, DD w/Grass.... Both For $7,950
JD 24B 2 Row Planter Unit....$750
JD Model B 17x7 Plain Grain Drill, Sgl. Disc w/Grass, Nice....$1,750
JD 8300 18x7 Drill w/Grass....$3,950

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

Coming In...

JD 4055 MFWD w/15 Speed, PS, SG, Almost New
IH 9' Whl. Carrier Disc Harrow
JD 2350 Mechanical Front Wheel Drive w/#245 Loader
Pittsburgh 11½' Cultipacker
JD 1000 21½' Folding Field Cultivator w/walking tandem
JD 310 Plowing Disc w/Mid-West Buster Bar

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow....$3,950
JD F350 5-16" Hyd. Reset Plow....$2,350
JD 1450 6-16" Semi-Mtd. Plow....$2,250
Brillion 9 Tooth V Ripper....$2,650
JD 4-16" F325 Auto Reset Plow....$1,250
JD 2500 7x18" On-Land Plow....$5,400
JD 1B Roll-Over Plow....$1,250
IH 7 Tooth 3 Pt. Chisel....$1,275
IH 9 Tooth Pull Type Chisel....$1,850
JD 1450 4x16 Semi-Mtd. Plow....$2,250
JD 2700 6B Auto Reset On-Land Plow....$7,450
JD F145 3-16" Semi-Mounted Plow....$1,250
JD 19 Tooth Pull Type Chisel....$1,850
JD 2500 4x18" Auto Reset Plow....$3,950
JD 2700 4x18" Auto Reset Plow....$5,850
JD 2600 5x16" Auto Reset Plow....$6,450
JD 4600 4B 18" Roll-Over Plow....$5,650
JD 7 Tooth Chisel Plow w/3 Pt....$950

DISCS AND FIELD CULTIVATORS

JD 12' TWA Plowing Disc....$3,250
Kewanee 12' Rock Flex Disc....$2,450
Kewanee 800 Rock Flex Plowing Disc 12'....$2,950
JD 1010 20' Field Cultivator, Hyd. Fold, Walking Tandem w/Harrow....SOLD....$3,950
Brady 18' Folding Field Cultivator....$2,150
JD KBA 32 Wheel Carrier Disc....$650
JD 210 12' Black Gang Disc....SOLD....$3,850
IH #45 18' Vibra Shank w/Harrow....$950
JD 12' Field Cultivator w/Harrow....$1,450
JD 210 14' Black Gang Disc....$3,850
JD 310 12' Black Gang Plowing Disc....SOLD....$4,250
JD #210 15' Black Gang Disc....$2,450

ROLLER HARROWS AND CULTIMULCHERS

JD F950 15' Roller Harrow, Nice....$3,650
IH #315 12' Roller Harrow....$2,850
Brillion 15' Cultimulcher....$3,250
Brillion 15' Roller Harrow....$3,850
Brillion 15' New Style Stretch Frame Roller Harrow, Nice....$3,950
Brillion 14' Roller Harrow....$2,650
Brillion 10' Cultimulcher....$2,650

CULTIPACKERS

Brillion 10' w/Big Shaft....$950
Brillion 3' Section 28' Packer....$2,450
Brillion 12' Packer, Big Shaft....$1,150
JD 10' Packer....$1,050
(1) (8) Each Brillion 12' Packers w/Transport....each $1,250
Brillion 12' w/Big Shaft....$1,250
JD 12' Cultipacker....$1,250
Brillion 14' Transport Packer....$1,850
Brillion 12' Packer w/Transport....$1,850
1 Set Brillion 4' Packer Pups....$850
1 Set Brillion 4' Packer Pups (Sprockets)....$450

MISCELLANEOUS:

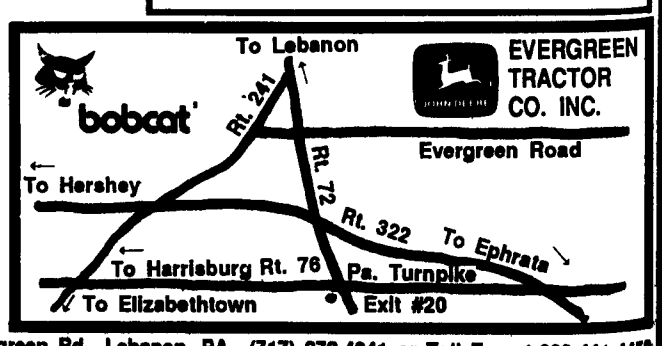
14.9x38 Direct Axle Dual Wheels....$450
NH 352 Grinder-Mixer....$2,450
JD 12' Dozer Blade for 30 and 40 Series Articulated Tractor....$2,650
JD 37 Loader, All Hydraulics For Utility....$1,850
JD 48 Loader, All Hydraulics For Utility....$2,250
NI 244 Tandem Axle Spreader w/End....SOLD....$2,650
Donahure Implement Trailer....$1,850
JD 148 Loader for Row Crop Tractor....$2,250

NEW JOHN DEERE EQUIPMENT AT BELOW DEALER COST

JD 575 Del. Skid Steer Loader w/54" Bucket Only 1 Demo Unit Left....~~$19,500~~ $11,750 New Warranty

WE ARE AN AUTHORIZED DOEBLER'S SEED CORN DEALER.

SEE US FOR YOUR SPRING REQUIREMENTS



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4456

Central U.S. Carlot

Beef Report
May 16, 1990
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST, TEXAS AND OKLAHOMA) AS OF 3 P.M.

COMPARED TO TUESDAY'S 3 P.M. REPORT, STEER AND HEIFER CARCASSES STEADY. DEMAND, MOVEMENT AND OFFERINGS LIGHT TO MDOERATE.

0 LOADS OF STEER CARCASSES AND 0 LOADS OF HEIFER CARCASSES TRADED TO PACKER PROCESSORS.

SALES REPORTED ON 22 LOADS OF STEER AND HEIFER CARCASSES.

STEER CARCASSES
FOB OMAHA BASIS
4 LOADS REPORTED
CHOICE 3

600-900 LBS., 1 LOAD, RANGE 114.00, LATEST ESTB. MKT. 114.00.

CHOICE 4

600-900 LBS., 3 LOADS, RANGE 107.00-108.00, LATEST ESTB. MKT. 107.00-108.00.

SELECT 1-3

600-900 LBS., UNQUOTED.

HOLSTEIN TYPE
CHOICE 1-3

600-900 LBS., UNQUOTED.

SELECT 1-3

600-900 LBS., UNQUOTED.

HEIFER CARCASSES
FOB OMAHA BASIS
11 LOADS REPORTED
CHOICE 3

550-800 LBS., 2 LOADS, RANGE 114.00, LATEST ESTB. MKT. 114.00.

500-550 LBS., 2 LOADS, RANGE 106.00, LATEST ESTB. MKT. 106.00.

400-500 LBS., 2 LOADS, RANGE 105.00, LATESTS ESTB. MKT. 105.00.

CHOICE 4

500-800 LBS., 4 LOADS, RANGE 107.00-108.00; LATEST ESTB. MKT. 107.00-108.00.

SELECT 1-3

550-800 LBS., UNQUOTED.

400-550 LBS., 1 LOAD, RANGE 97.00, LATEST ESTB. MKT. 97.00.

STEER CARCASSES
FOB AMARILLO BASIS
4 LOADS REPORTED
CHOICE 4

600-900 LBS, 4 LOADS, RANGE 107.00, LATEST ESTB. MKT. 107.00.

HEIFER CARCASSES
FOB AMARILLO BASIS
3 LOADS REPORTED
CHOICE 4

500-800 LBS., 3 LOADS, RANGE 107.00, LATEST ESTB. MKT. 107.00.

STEER AND HEIFER
PRIMAL CUTS
4 LOADS REPORTED
CHOICE 3
FOB OMAHA BASIS
HEIFER HINDS

120-165 LBS., 4 LOADS, RANGE 133.00, LATEST ESTB. MKT. 133.00.

FRONT QUARTERS

135-210 LBS., UNQUOTED.

COW AND BULL CARCASSES
FOB OMAHA BASIS
27 LOADS REPORTED

UTILITY CARCASSES STEADY; CUTTER CARCASSES 4.00-7.00 LOWER AND BULL CARCASSES 2.00 LOWER. DEMAND LIGHT AT PRESENT PRICE LEVELS MOVEMENT SLOW ON MODERATE SUPPLIES.

UT,BRK 2-4, 450 AND UP, 4 LOADS, RANGE 84.00-86.00; LATEST ESTB. MKT. 84.00-86.00.

UT,BNG 1-3, 400 & UP, 11 LOADS, RANGE 89.00-92.00, LATEST ESTB. MKT. 90.00-92.00.

CUTTER 1-2, 350 AND UP, 11 LOADS, RANGE 98.00-101.00, LATEST ESTB. MKT. 98.00-101.00.

BULLS 500/UP, YG1, 1 LOAD, RANGE 112.00, LATEST ESTB. MKT. 112.00.

YG1-3 UNQUOTED.

BONELESS PROCESSING BEEF/
BEEF TRIMMINGS
150 LOADS REPORTED

BONELESS PROCESSING BEEF LOWER, MOVEMENT LIGHT TO MODERATE ON MODERATE SUPPLIES. 50% BEEF TRIMMINGS WITH LIGHT TO MODERATE MOVEMENT AND DEMAND; SUPPLIES MODERATE.

FOB OMAHA BASIS

90% FR, 8 LOADS, RANGE 130.0-134.0 WT. AVG. 130.88.

90% FZ, 3 LOADS, RANGE 133.0, WT. AVG. 133.00.

85% FR, 3 LOADS, RANGE 121.0-124.0, WT. AVG. 122.00.

85% FZ, UNQUOTED.

75% FR, 8 LOADS, RANGE 103.50-107.50, WT. AVG. 106.44.

75% FZ, UNQUOTED.

65% FR, 7 LOADS, RANGE 94.0-98.5, WT. AVG. 96.29.

65% FZ UNQUOTED.

50% FR, 79 LOADS, RANGE 71.00-73.00, WT. AVG. 72.04.

50% FZ, 2 LOADS, RANGE 75.00-77.00, WT. AVG. 76.00.

50% BX, UNQUOTED.

BULL 92-94, RANGE 152.0, WT. AVG. 152.00 D.

FOB TX & OK

90% FR, 26 LOADS, RANGE 130.0-133.0, WT. AVG. 130.46.

90% FZ, 4 LOADS, RANGE 132.5-133.0, WT. AVG. 132.75.

85% FR, UNQUOTED.

85% FZ UNQUOTED.

75% FR UNQUOTED.

75% FZ UNQUOTED.

65% FR UNQUOTED.

65% FZ UNQUOTED.

BULL 92-94 UNQUOTED.

CAF NORTHEAST AREAS

90% FR, 4 LOADS, RANGE 132.5-134.0, WT. AVG. 133.00.

90% FZ UNQUOTED.

85% FR, 3 LOADS, RANGE 124.0, WT. AVG. 124.00.

85% FZ UNQUOTED.

75% FR, 3 LOADS, RANGE 110.00-111.0, WT. AVG. 110.67.

75% FZ, UNQUOTED.

65% FR, UNQUOTED.

65% FZ UNQUOTED.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.**

Frederick Livestock Auction

Frederick, Md.
Monday, May 14, 1990
Report Supplied by Auction

SLAUGHTER COWS: 2.00 HIGHER! UTILITY 54.00-58.00; HIGH DRESSING TO 59.00; CANNER 51.00-56.00; SHELLY 51.00 DOWN.

BULLS: FEW OFFERED. YG#2 1330 LBS. 63.25.

FED STEERS: NONE OFFERED.

FED HEIFERS: LOW CHOICE 835-1100 LBS. 71.00-74.00.

VEAL CALVES: CHOICE 180-250 LBS. TO 110.00; GOOD 90.00-99.00; CULLS 85-120 LBS. 82.00-93.00; 50-80 LBS. 75.00-90.00; WEAK/ ROUGH/ THIN 70.00 DOWN

FARM CALVES, HOLSTEIN BULLS: 5.00-10.00 LOWER. #1 90-130 LBS. 165.00-190.00; #2 80-110 LBS. 95.00-140.00.

HOLSTEIN HEIFERS: 80-90 LBS. TO 110.00; 95-110 LBS. TO 167.00; BEEF X BULLS TO 180.00.

BUTCHER HOGS: 50 HEAD, 2.00 HIGHER! US#1 AND 3 220-260 LBS. 60.00-61.25; #2 AND 3 260-280 LBS. TO 58.50; 200-220 LBS. 55.00-58.00.

SOWS: STEADY PRICES. 300-500 LBS. 52.00-54.00; 500-700 LBS. 53.00-56.00.

BOARS: 350-800 LBS. 49.75-50.25.

STOCK CATTLE: LIGHT RUN. FEW OFFERED. 720 LBS. 68.00.

HEIFERS: HOLSTEINS 350 LBS. 92.00; 550 LBS. 69.00.

BULLS: 500-700 LBS. 70.00-79.00; 700-900 LBS. 58.00-72.00; HOLSTEINS 500-700 LBS. 64.00-67.00.

SHEEP: 20.00-23.50.

GOATS: LARGE TO 86.00.

PIGS AND SHOATS: 80 HEAD. BY THE HEAD, 25-35 LBS. 34.00-38.00; 40-50 LBS. 46.00-51.00.

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Stays	Ht.	Spacing	Ga.	SALE
8	32"	12"	12½	$69.99
9	39"	6"	11	$119.99
9	39"	6"	12½	$79.99
10	47"	6"	11	$128.99
10	47"	6"	12½	$89.99
10	47"	12"	12½	$69.99
9	48"	9"	11	$99.99

HORSE FENCE-2x4 Square Deal, 100' Roll

Ht.	Ga.	Spacing	Code	SALE
48"	12½	2"x4"	VICVU	$59.99
60"	12½	2"x4"	VS1GB	$69.99

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826 724 C1 Smooth section
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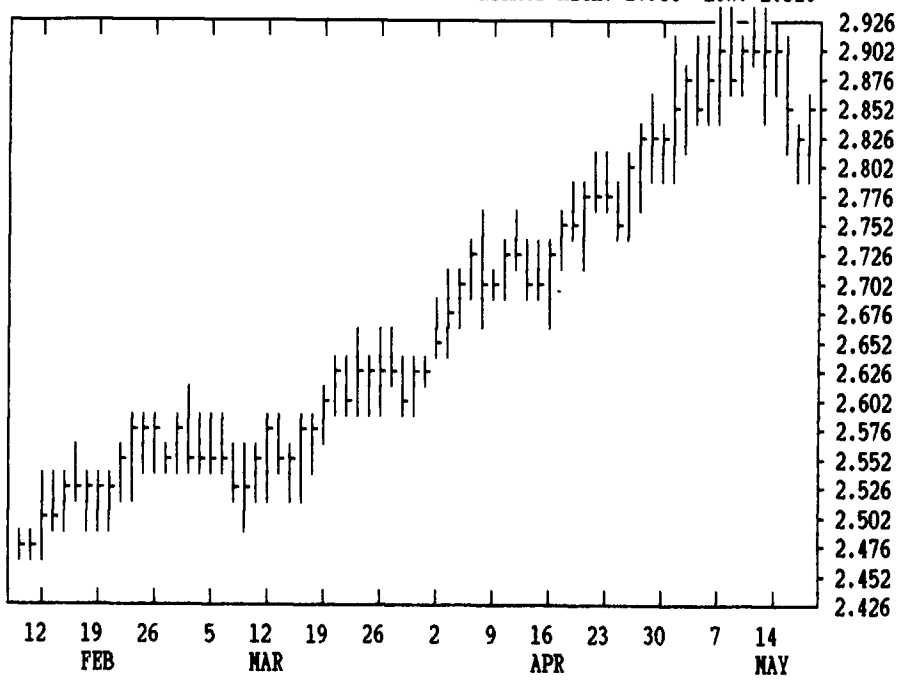
GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 691-7009.

(Closing bids: Thursday, May 17)

DTN GRAINS 16 JULY CORN — CONTRACT HIGH: 2.936 LOW: 2.310



DTN FUTURES 10 05/17/90 — TECHNICAL COMMENTS

	PAST WEEK'S (ENDING 05/11) HIGH	LOW	CLOSE	APR 'S (ENDING 4/30) HIGH	LOW	CURRENT SUPPORT	RESISTANCE
MAY WHT	3.84 1/2	3.77	3.81 1/2	3.74 3/4	3.53 1/4	.	.
JLY WHT	3.55 1/2	3.41 3/4	3.44	3.47	3.32	3.32	3.50
KC MAY	3.84 1/2	3.63	3.68 1/2	3.74 1/2	3.59 1/4	.	.
KC JLY	3.60 1/2	3.46	3.49 3/4	3.53	3.42 3/4	.	3.55
MAY CORN	2.93	2.85	2.87 1/2	2.83	2.62 1/4	.	.
JLY CORN	2.93 3/4	2.86 3/4	2.90	2.85	2.65	2.80	2.94
DEC90 CN	2.78 1/4	2.68 1/2	2.80	2.75	2.56 1/2	2.68	2.82
MAY BNS	6.51	6.21 1/2	6.32	6.39	5.81 1/2	.	.
JLY BNS	6.64 1/2	6.34	6.43 3/4	6.56	5.95	6.20	6.65
NOV90 BN	6.78 1/2	6.46	6.57 1/2	6.67	6.06 1/2	6.25	6.72 1/2
MAY MEAL	188.80	179.60	182.70	187.00	167.70	172.50	JLY 185-187
MAY OIL	24.88	23.31	24.53	23.80	21.37	22.75	JLY 25.00
JUN CTTL	75.42	73.65	74.07	74.20	72.40	73.00	75.45
AUG CTTL	72.90	71.55	72.42	73.17	71.12	72.00	.
MAY FDRS	84.87	84.00	84.82	83.40	80.87	82.00	AUG .
JUN HOGS	65.45	62.80	63.65	63.70	57.10	63.00	65.40
JUL HOGS	64.75	61.52	62.20	62.67	56.90	61.00	64.80?
MAY BLLS	71.10	64.00	64.00	66.65	53.75	62.00	JLY 67.00?

CORN

	HIGH	LOW	LAST	CHG
MAY	2866	2826	2866*	+42
JLY	2852	2814	2846*	+24
SEP	2784	2754	2780*	+12
DEC	2744	2710	2742*	+16
MAR	2800	2766	2794*	+10
MAY	2830	2804	2814*	+10
JLY	2850	2840	2844*	+10

OATS

MAY	1544	1532	1544*	+4
JLY	1616	1590	1614*	+10
SEP	1686	1664	1682*	+2

SOYBEANS

MAY	6210	6134	6170*	+40
JLY	6330	6244	6310*	+56
AUG	6390	6304	6374*	+60
SEP	6414	6314	6390*	+80
NOV	6480	6374	6460*	+86
JAN	6574	6474	6570*	+94
MAR	6674	6584	6662*	+84
MAY	6750	6650	6720*	+60

LIVE CATTLE

	HIGH	LOW	LAST	CHG
JUN	7465	7415	7420*	-22
AUG	7377	7317	7320*	-7
OCT	7555	7505	7522*	+12
DEC	7575	7542	7565*	+18
FEB	7575	7550	7557*	+2
APR	7630	7595	7617*	+10
JUN	7410	7385	7395*	0
AUG				

SWISS FRANC

JUN	7163	7089	7111*	-23
SEP	7155	7088	7105*	-22
DEC	7150	7090	7104*	-22

BRITISH POUND

JUN	16870	16788	16828*	+120
SEP	16614	16540	16576*	+134
DEC	16350	16320	16338*	+140

JAPANESE YEN

JUN	6600	6565	6580*	-19
SEP	6614	6585	6598*	-20
DEC	6620	6605	6618*	-21

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAY	3900	3876	3894*	+4
JLY	3460	3432	3440*	0
SEP	3494	3470	3474*	-2
DEC	3622	3594	3602*	-6
MAR	3664	3640	3654*	0

K.C. SORGHUM

MAY	2580	2462	2480*	+10
JLY	2570	2470	2484*	+14
SEP				
DEC	2450	2450	2450	
MAR				

SOYBEAN MEAL

MAY	1800	1768	1799*	+34
JLY	1822	1794	1816*	+27
AUG	1840	1810	1832*	+25
SEP	1855	1825	1852*	+27
OCT	1878	1845	1872*	+27
DEC	1920	1882	1911*	+29
JAN	1930	1905	1930*	+28
MAR	1966	1960	1965*	+35

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
MAY	8485	8475	8482*	+7
AUG	8380	8355	8365*	-5
SEP	8325	8305	8325*	0
OCT	8320	8300	8312*	+7
NOV	8330	8310	8330*	+5
JAN	8300	8280	8297*	-3
MAR	8200	8185	8185*	-10
APR	8135	8135	8135*	

EURODOLLAR

JUN	9164	9154	9156*	-5
SEP	9159	9144	9147*	-6
DEC	9142	9128	9131*	-6
MAR	9126	9114	9117*	-5
JUN	9109	9098	9101*	-5
SEP	9103	9093	9095*	-5

S&P 500 INDEX

JUN	35880	35510	35595*	+60
SEP	36365	36010	36085*	+60
DEC	36800	36470	36540*	+65
MAR	37180	36920	37040*	+15

K.C. WHEAT

	HIGH	LOW	LAST	CHG
MAY	3664	3630	3630*	-32
JLY	3494	3474	3476*	-6
SEP	3544	3522	3522*	-14
DEC	3664	3640	3642*	-12
MAR	3704	3694	3700*	-2

MINN WHEAT

MAY	3894	3824	3860*	-24
JLY	3672	3636	3640*	-14
SEP	3614	3580	3600*	-2
DEC	3700	3674	3690*	-40
MAR	3740	3740	3740*	+10

SOYBEAN OIL

MAY	2466	2408	2457*	+39
JLY	2453	2398	2441*	+32
AUG	2430	2382	2426*	+33
SEP	2400	2362	2396*	+29
OCT	2370	2340	2370*	+35
DEC	2342	2307	2335*	+23
JAN	2315	2295	2310*	+20
MAR	2290	2275	2290*	+18

LIVE HOGS

	HIGH	LOW	LAST	CHG
JUN	6635	6520	6610*	+110
JLY	6465	6370	6442*	+75
AUG	6285	6215	6237*	+27
OCT	5560	5500	5512*	-20
DEC	5500	5440	5460*	-7
FEB	5260	5215	5245*	+8
APR	4860	4825	4855*	+23
JUN	5160	5130	5155*	+30

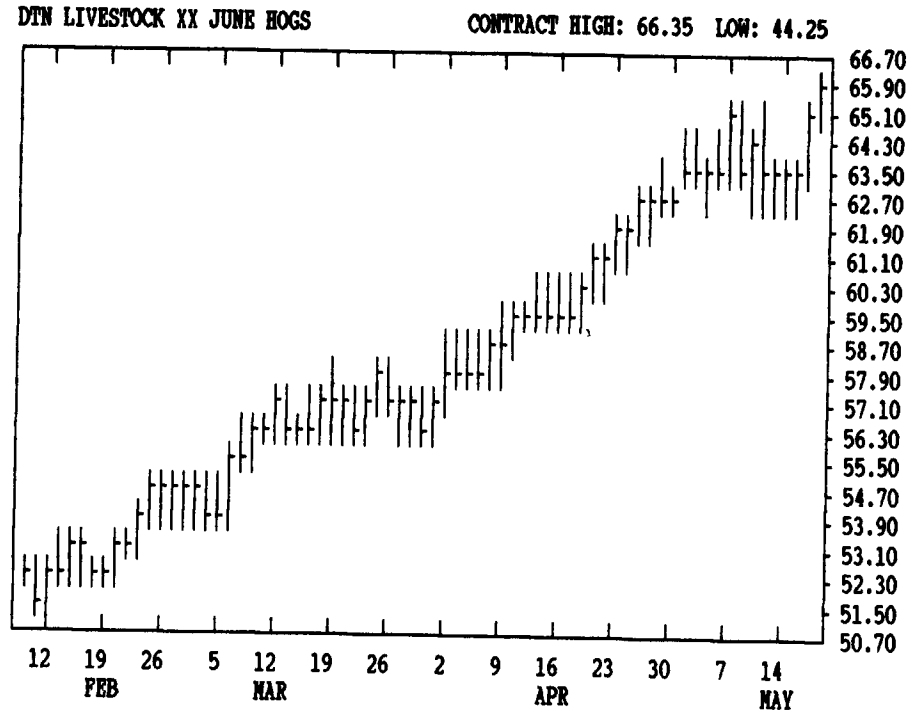
PORK BELLIES

MAY	6622	6555	6622*	+200
JLY	6637	6565	6637*	+200
AUG	6442	6350	6442*	+200
FEB	6150	6030	6065*	-10
MAR	6090	5990	6035*	+15
MAY	6080	6050	6077*	0

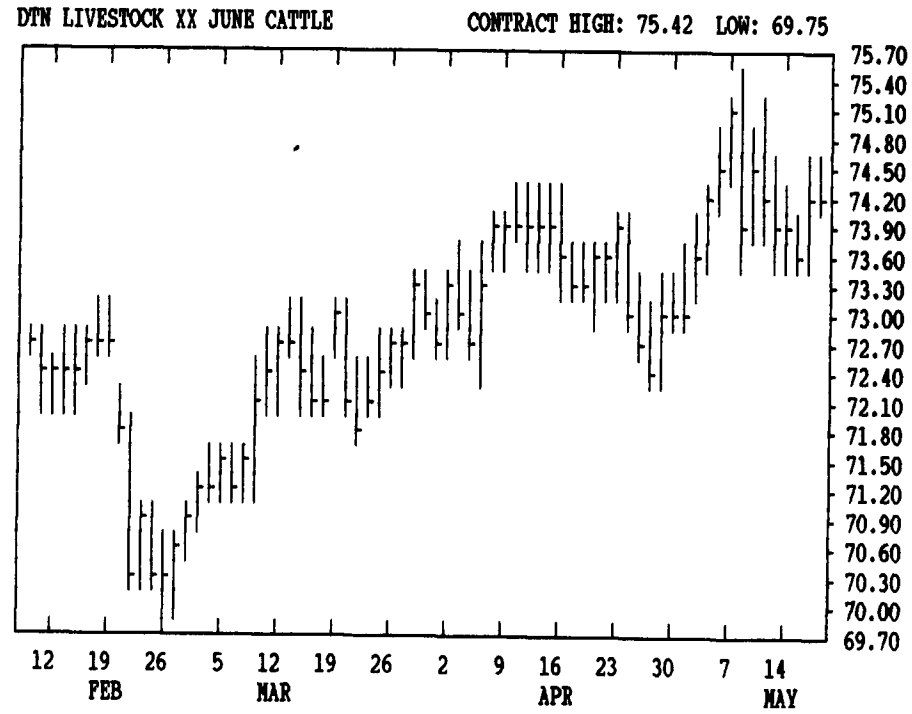
W. GERMAN MARK

JUN	6120	6048	6052*	-28
SEP	6120	6049	6052*	-27
DEC	6061	6049	6049*	-27
MAR	6084	6047	6047*	-26

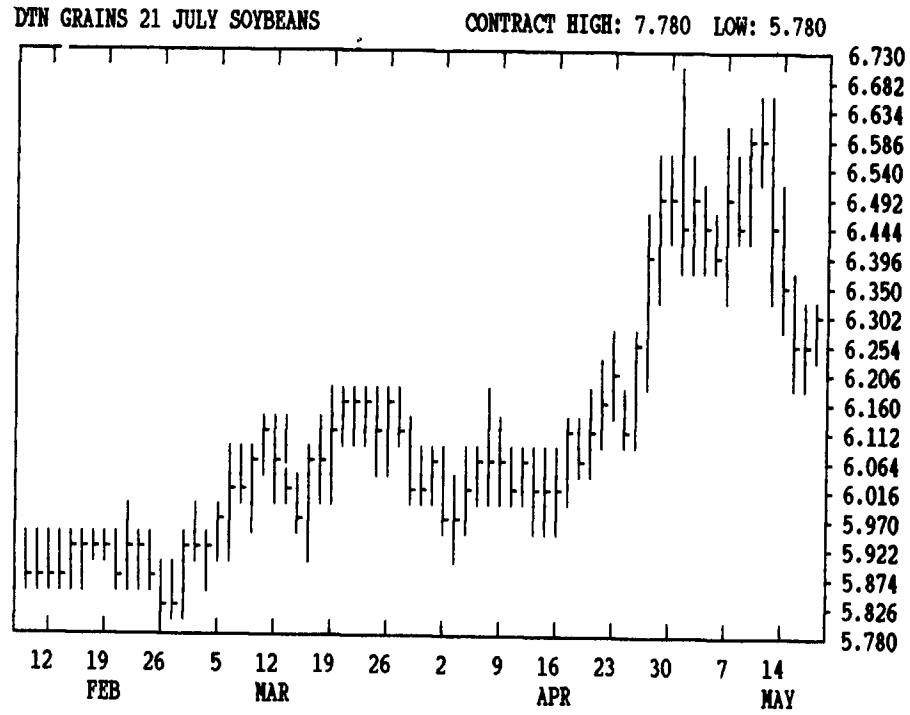
DTN LIVESTOCK XX JUNE HOGS — CONTRACT HIGH: 66.35 LOW: 44.25



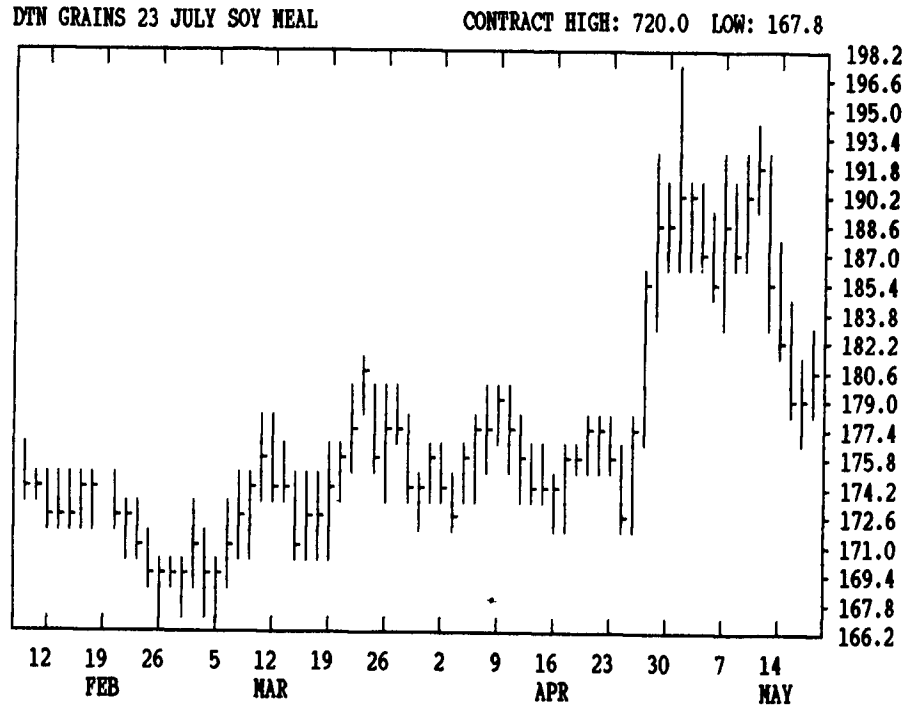
DTN LIVESTOCK XX JUNE CATTLE — CONTRACT HIGH: 75.42 LOW: 69.75



DTN GRAINS 21 JULY SOYBEANS — CONTRACT HIGH: 7.780 LOW: 5.780



DTN GRAINS 23 JULY SOY MEAL — CONTRACT HIGH: 720.0 LOW: 167.8



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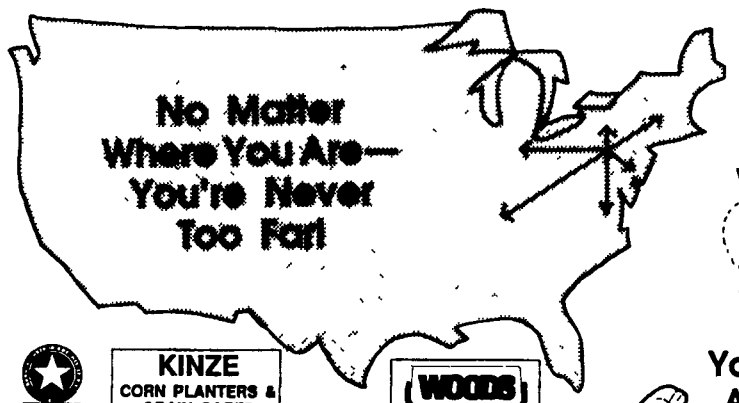

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IT IS THE LAW!

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ORANGES STEADY CA ctn Navel 36-48s 15.00 56s 13.50-16.00 mos 15.00 72s 12.50-14.00 mos 12.50-13.00 fair cond 7.00 88s 12.00 some hias 13.50 fair cond 7.00 113s 10.50-12.50 fair qual 56s 10.00 72s 8.50-10.00 mos 9.50-10.00 88s 8.00-10.00 mos 8.50-9.50 113s 8.00-10.00 mos 9-9.50 138s 9.00-10.00 AZ ctn Valencia fair qual 48s 9.00-10.00 72s 9.00 88s 8.00 113s 8.00-9.50 125s 9.00 FL 4/5 buctn Valencia 48-80s 12.50 100s 14.00-15.50 125s 14.00 Indian River one label 64s & 100-125s 15.00.

TANGELOS SUP INSUFFICIENT TO QUOTE.

APPLES STEADY CONTROLLED ATMOSPHERE STORAGE ctn tray pack WA Red Delicious WAExFcy 72- 113s 13.50-14.00 125s 14.00 one label 80-100s 15.50 USExFcy 72-80s 11.00- 12.00 88-113s 11.00-12.00 some 12.50 125-138s 11.00-12.00 WAFcy 80-113s 11.50 USFcy 88s 11.00 Golden Delicious WAExFcy 56s 17.00 88s 17.00-17.50 mos 17.00 100s 15.00-15.50 113s 13.50-14.50 mos 14.00 one label 80-88s 18.50 100s 16.50 USExFcy 80s 14.00 88s 16.00-16.50 100s 13.00-15.00 ctn cell pack NY McIntosh Comb USExFcy-Fcy 120s 16.00 US#1 100s 10.50 120s 9.50 140s 8.50 NEW CROP ctn tray pack CHILE Granny Smith 110s 16.00 ARGENTINA Granny Smith 100s 12.00 NEW ZEALAND Royal Gala 113s few 30.00.

APPLE-PEARS NEW ZEALAND 1-lyr ctn Housi 23s 10.00 ord cond 4.00.

APRICOTS SUPPLIES LIGHT CA 24-lb crt Castlebrite exjbo 32.00 jbo 29.00 exlge 25.00 2-lyr ctn Cas- tlebrite 84s few 35.00.

AVOCADOS CA 2-lyr ctn Hass 48s 40.00 fair qual 35.00.

BANANAS Imports ctn approximately 40-lb 12.50 fair qual 11.00 film wrpd 12.50 Institutional pack Petite 150s 11.00.

BLACKBERRIES SUP INSUFFICIENT TO QUOTE.

BLUEBERRIES NC flats 12-1 pt film wrpd trays med & med-lge 24.00-28.00 mos 24.00 few 22.00 GA flats 12-1 pt film wrpd trays med-lge fair cond 15.00-16.00 FL flats 12-1/2 pt film wrpd cups via air med few 24.00.

CHERRIES ABOUT STEADY CA 18-lb ctn via air US#1 Garnet few 11-1/2 & 12 row size 48.00-50.00 12- 1/2 row sz 38.00-40.00 Larian 12 row & lgr 23.00-25.00 mos 25.00 some best 30.00-35.00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

GRAPES-TABLE ABOUT STEADY CA 22-lb ctn via air Perlette few 40.00 CHILE 18-lb lug wrpd Thompson Seedless med-lge one lot 23.00 fair cond 13.00-14.00 ord cond 3.00-8.00 poor cond .25-1.00 film bags poor-ord cond 2.00-5.00 Flame Seedless med film bags poor-ord cond 2.00-4.00 Red Seedless med-lge 12.00 med fair cond 6.00-8.00 Ruby Seedless med 10.00-11.00 fair cond 5.00-6.00 ord cond 3.00- 5.00 Emperor med-lge 8.00-9.00 Ribier med 14.00-15.00 Almeria med fair cond 6.00-7.00 Calmeria med-lge 7.00-10.00.

KIWIFRUIT STEADY CA 1-lyr flat 33-36s 8.00 39s 7-7.50 mos 7.00 42s 7.00.

MANGOS ABOUT STEADY MEXICO 1-lyr ctn Haden 9-14s 8.00-9.00.

NECTARINES CA 2-lyr lug Mayfire 72s 32.00 80s 25.00-27.00 84s 22.00-24.00 96s fair cond 10.00-12.00 108s fair cond 8.00-12.00 25-lb ctn Mayfire 96 sz 24.00 108 sz 19.00-20.00.

PAPAYAS HAWAII ctn via air 11s fair appear 9.00 12s 11.00.

PEACHES LOWER GA 3/4 buctn Empress USEX#1 2-1/4" & up 20.00 2-1/8" & up 14.00 no grade marked fair qual 2-1/4" & up, 2-1/8" & up and 2" & up 8.00-10.00 Saliba Special no grade marked 2" fair qual 5.00-7.00 25-lb ctn Cherry Gold no grade marked 2-1/4" & up 10.00-12.00 2" & up 6.00-7.00 CA 2-lyr lug Queen Crest 60-64s 22.00-23.00 70s 22.00-23.00.

PEARS STEADY Controlled Atmosphere storage unless otherwise stated WA 4/5 buctn wrpd US#1 D'Anjous 80-90s 26.00 100s 24.00 110s 23.00 120s 22.00 ØR 4/5 buctn wrpd US#1 D'Anjous 100s 21.00 110s 20.00 135s 18.00 CHILE new crop approx 44-lb crt Bosc 70-100s 11.00 135s 10.00-11.00 ARGENTINA new crop approx 44-lb crt D'Anjous 110s 24.00 120s 22.00 135s 21.00 Packham Triumph 100s 24.00 Winter Bartlett 100s 24.00.

PERSIMMONS NO SALES REPORTED.

PINEAPPLES STEADY HAWAII ctn via air 12s 12.00 DOMINICAN REPUBLIC 2-lyr ctn 6s 10.00.

PLUMS NO SUPPLIES.

POMEGRANATES NO SUPPLIES.

RASPBERRIES SUPPLIES LIGHT CHILE flats 12-1/2 pt film wrpd cups via air Red few 50.00.

STRAWBERRIES LOWER flats 12-1 pint trays CA med & med-lge 5.00-6.50 mos 5.00-6.00 some 4.00 few 7.00 preferred labels 9.00-10.00.

CANTALOUPS ABOUT STEADY TX 1/2 ctn 18s 19.00-20.00 23s 16.00 DOMINICAN REPUBLIC 1/2 ctn 18S 18.00 23s 15.00 MEXICO 1/2 crt 15s ord cond 9.00-10.
00 23s 15.00-16.00 COSTA RICA 1/2 ctns 12s 15.00 15s 18.00-20.00 fair cond 15.00 18s 18.00-20.00 GUATEMALA 1/2 ctn 15-18s 18.00-20.00.

HONEYDEWS SUPPLIES LIGHT TX 2/3 ctn 8s 14.00 9s 12.00 10s 10.00 12s 5.00-7.00 COSTA RICA 2/3 ctn 5s 17.00 6s 18.00 8s 17.00.

MISC MELONS ABOUT STEADY MEXICO 2/3 ctn Crenshaw 6s 23.00-24.00 Orange Flesh few 10-12s 9.00-10.00 28-lb ctn Korean type med 14.00-15.00 COSTA RICA 2/3 ctn Orange Flesh 6-9s 12.00 GUATEMALA 2/3 ctn Mayan Sweet 5-6s 18.00.

WATERMELONS ABOUT STEADY FL avg weight per melon Jubilee 30-lb 4.00-4.50 Crimson Sweet 28-lb 3.75- 4.00 25-lb 3.25-3.50 22-lb 2.75-3.00 18-lb 1.50 Royal Sweet 30-lb 4.00 28- lb fair qual 2.00 MEXICO ctn per lb Jubilees 3s 20 cents one lot 18 cents.

Wholesale Fruits and Vegetables

SHIPPENSBURG PRODUCE AUCTION

RD 5 Box 1-B Shippensburg, PA 17257
HRS. 8 AM-8 PM, 1 mi. N. of Shbg
US Rt. 11 PHONE: (717) 530-1700

Large Selection Of Fruits, Vegetables and Bedding Plants

Bring a Load - Buy a Load

Auction will open May 29, 1990 at 8:00 A.M. with sale starting at 11:00 A.M.
Sale days will be Tues., Thurs. and Sat. until further notice. For more information call sale manager:

Paul Leinbach at
717-530-1700 or 532-5511

Philadelphia Vegetables

Philadelphia, Pa.

Wednesday, May 16, 1990

ARTICHOKES ABOUT STEADY CA ctn 24s fair cond 3.00-4.00 36s few 7.00 fair cond 3.00-4.00 48s fair cond 3.00-4.00.

ASPARAGUS SUPPLIES LIGHT WA 30-lb crt Long Green WAExFcy jbo 30.00 lge 28.00-30.00 std 30.00 WAFcy sml 30.00 CA 30-lb crt jbo fair appear 21.00 lge fair appear 22.00 15-lb ctn lge 14.00.

BEANS SUPPLIES LIGHT various bu containers Round Green type unless otherwise stated FL few 10.00 Kentucky Wonder type 6.00-7.00 GA fair qual 6.00-7.00 CA bucrt Fava type 8.00.

BEETS SUPPLIES LIGHT FL crt bchd 12s 8.00.

BROCCOLI ABOUT STEADY CA ctn bchd 14s 7.50-8.50 mos 8.00 occ 9.00 few 7.00 18s 9.00 loose crowns 9.00-10.50 mos 9.50-9.75 NC ctn bchd 14s fair qual 5.50.

BRUSSEL SPROUTS SUPPLIES INSUFFICIENT TO QUOTE.

CABBAGE LOWER 1-3/4 buctn & crt med green unless otherwise stated FL 5.50-6.00 GA 5.00-6.00 some low as 4.00 Red few 15.00 NC 6.00 few 6.50 Savoy type 10.00 Red 14.00 TX sml-med 4.00-5.00 NY 50-lb sks lge 6.50-7.00 mos 6.50 Red 50- lb sks 12.00.

CARROTS 50-LB SACKS SUPPLIES LIGHT, OTHERS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 8.50-9.50 FL med 8.00-9.00 50-lb sacks loose jumbo CA 18.00-20.00 miniature type FL ctn 20-12 oz film bags 5.00 few 6.00 CA ctn bchd 24s 11.50-12.00.

CAULIFLOWER SLIGHTLY LOWER CA ctn film wrpd 9s 8.00 12s 9.50-10.00.

CELERY ABOUT STEADY CA ctn 2-2-1/2 doz one lot 16.00 fair cond 12.00 3 doz 12.50-13.00 FL crt & ctn 2 doz 12.00 few 13.00 2-1/2 doz 11.00-12.00 some 10.00 3 doz 9.00-10.50 few 8.00 film wrpd 2-2-1/2 doz 13.00.

CHINESE CABBAGE SUPPLIES LIGHT FL celery crt few 16.00 CA 50-lb ctn Nappa 12.00-13.00 mos 12.00 Bok Choy 12.00-13.00.

CORN WHITE SLIGHTLY LOWER, OTHERS SLIGHTLY HIGHER FL wirebound crt approx 4-1/2-5 doz Yellow 8.50-9.00 White 11.00-12.00 fair appear 10.00 some 9.00 Bi-Color 10.00.

CUCUMBERS ABOUT STEADY 1-1/9 buctns waxed medium unless otherwise stated FL few 9.00-10.00 fair qual 5.00-7.00 ord qual 4.00.

DAIKON CA 40-lb crt 12.50.

EGGPLANT ABOUT STEADY FL buctn med fair appear 6.00-7.00 fair qual 4.00-6.00 1-1/9 buctn med 8.00-9.00 sml 7.00.

ENDIVE ABOUT STEADY FL 1-1/9 bucrt 12.00 few 13.00-14.00 CA ctn 24s 11.00.

ESCAROLE ABOUT STEADY FL 1-1/9 bucrt 12.00.

GARLIC per lb MEXICO 30-lb ctn New Crop Super Colossal 1.67 Colossal 1.60 super jbo 1.55 exjbo 1.50.

GREENS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated NC Collards 5.00-6.00 Mustard, Turnip Tops & Rape 6.00 Kale 5.50-6.00 NJ 1-1/4 bucrt Turnip Tops 5.00 Swiss Chard 7.00 Dandelion 6.00-7.00 GA Collards 6.00 CA 24s Red Kale 12.00-16.00 20-lb ctn Broccoli Rabe 20.00.

LEEKS LOWER NJ crt bchd 12s 7.00-8.00 mos 7.00 CA ctn bchd 12s 8.00.

LETTUCE ICEBERG SLIGHTLY LOWER ctn 24s unless otherwise stated CA 7.00-9.00 mos 8-8.50 some incl fair cond low as 6.00 film wrpd 9.00 ROMAINE ABOUT STEADY CA 24s ctn 7.00-9.00 mos 8.00 fair appear 6.00 crt 11.00-12.00 FL ctn 24s 5.00-6.00 mos 5.00 NJ crt & ctn 24s 5.00-6.00 BIG BOSTON CA ctn 24s 6.00-7.50 few 5.00 FL ctn 24s 7.00 NJ Eastern Boston crt 24s 4.00-5.00 BIBB FL flat ctn 24s 5.00 NJ sml crt 20s 5.00 LEAF CA ctn 24s 7.00-8.00 occ 8.50 few 6.00 Red 7.00-8.00 mos 7.50 occ 8.50 FL crt 24s 5.00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 10-lb ctn med 9-9.75 lge 11.00- 11.50 packages 10-12 oz 9.25-9.75 3-lb ctn Shiitake 16.50-17.00 fair qual 11.00.

OKRA SUPPLIES INSUFFICIENT TO QUOTE.

ONIONS-GREEN ABOUT STEADY NJ ctn bchd 48s 8.00-9.00 MEXICO ctn bchd 48s 6.00-7.00.

PARSLEY bchd 5 doz Curly unless otherwise stated NJ bubkt 12.00-14.00 mos 12.00 few 15.00 Plain few 15.00.

PARSNIPS FL 25-lb film bags 12.00.

PEAS-GREEN NC & VA buhmpr 14.00-15.00 GA bucrt fair cond 8.00 CA bucrt fair cond 10.00 ord cond 5.00-6.00.

PEAS-SUGAR ABOUT STEADY 10-lb ctn per lb CA 1.50 Sugar Snap 1.70 GUATEMALA 1.80 Sugar Snap fair cond 1.20.

PEPPERS LOWER 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL exlge 6.00-8.00 some 5.00 lge 6.00-7.00 mos 6.00 few 5.00 med 5.00-6.00 mos 5.00 sml 4.00 Mixed Red lge 4.00 some 3.50 Longhots buctn 8.00 1/2 buctn few 5.00.

RADISHES SLIGHTLY LOWER FL ctn Red 30-6 oz film bags 3.50-4.00 14-1 lb film bags 4.25 CA ctn bchd 24s 7.00.

RHUBARB NO SALES REPORTED.

RUTABAGAS SUPPLIES INSUFFICIENT TO QUOTE.

SPINACH LOWER NJ Savoy type bubkt 4.00-5.00.

SQUASH LOWER 1/2 & 5/9 bucrt & ctn unless otherwise stated FL Zucchini sml-med 5.00 fair appear low as 4.00 med 3.00 few 4.00 fair appear low as 2.50 GA Zuc- chini sml-med 5.00-6.00 mos 5.00 med 2.50-4.00 mos 3.00 occ 5.00 Yellow Straightneck sml-med 5.00 NC Zucchini sml-med 5.00-6.00 med 3.50-4.00.

SWEET POTATOES ABOUT STEADY NC 40-lb ctn Jewel type cured US#1 few 13.00.

TOMATOES HIGHER 25-lb ctn Pink to Light Red 85% or better US#1 qual unless otherwise stated FL 5x6s 7-7.50 mos 7.00 one label 8.00 some incl previous commit- ments 6.50 6x6s 6-6.50 few 7.00 one label 8.00 6x7s one label 7.50 vineripe 5x6s 6.00-7.00 fair cond 4.00-5.00 ord cond 2.00 REPACKED LOCALLY FL 5x6s 8.50 6x6s 8.00 6x7s 8.00 PLUM TYPE FL 8.00 CHERRY TYPE flats 12-1 pint trays FL 6.00-7.00 few 5.00 ord-fair cond 2.00-4.00.

TURNIPS topped NJ 25-lb film bags med 6.00 bubkt lge 8.00.

VEGETABLES-OTHER ITALY 1-lyr flat Radicchio 12s 14.50.

WATERCRESS FL ctn bchd 24s 9-9.50.

Philadelphia Potato & Onion

Philadelphia, Pa.

Wednesday, May 16, 1990

ONIONS-DRY YELLOW LOWER, OTHERS ABOUT STEADY 50-lb sacks US#1 or gener- ally good quality new crop Yellow unless otherwise stated TX Grano type jumbo 12.00-14.00 mos 13.00 repacker sz 12.50-13.00 50-lb ctn preferred variety jumbo 14.00-15.00 mos 15.00 White jumbo 15.00 25-lb mesh sks White boilers 13.00 Red jumbo 10.00 some 11.00 few hgr med 800 some 700 Granex type repacker sz 20-2 lb mesh sks packed enroute 11.50 CA Grano type jumbo 12.50-14.00 mos 13.00 White jumbo 16.00 40-lb ctn Red Granex type fair qual jbo 15.00-16.50 med 10.00-12.50 GA granex type 50-lb ctn jumbo 15.00- 17.00 med 11.00-12.00 MEXICO Grano type jumbo 12.50-13.00 25-lb sks Red fair qual collosal & jumbo 500 Chile Valencia type jumbo 11.00.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated ROUND WHITES FL new crop 10.00-12.00 mos 11.00-12.00 fair qual 700-800 50-lb ctn 12.00-13.00 lge 12.00-13.00 mos 13.00 sz B 900-10.00 ME 775-800 lge 8-875 CANADA CD#1 New Brunswick 750 LONG WHITES CA 50-lb ctn US#1 15.50-16.00 ROUND REDS FL new crop 11.00-12.00 mos 12.00 sz B 16.00- 18.00 AZ 14.00 sz B 16.00 few hias 18.00 AL 11.00-12.00 50-lb ctn 13.00 sz B 17.00 RUSSETS 50-lb ctn count unless otherwise stated ID 70s 18.00- 19.00 80s 18.00-19.00 mos 18.00 90s 16.00-18.00 100s 15.00-17.00 mos 16.00 baled 10-5 lb film bags non sz A 14.00 WI 70-80s 15.00 90s 14.00 100s 13.00 CANADA CD#1 New Brunswick baled 10-5 lb film bags non sz A fair cond 800 few 750 Prince Edward Isle 90s 13.50 100s 11.50 baled 10-5 lb film bags non sz A 10.00.

Leola Produce Auction

Leola, PA

May 15 and 17, 1989

Report Supplied by Auction

ASPARAGUS: .90-1.40 12 OZ. BUNCH.

SPRING ONIONS: 7.50-11.00 40 CT. BUNCH.

SUGAR SNAP PEAS: 22.00-28.00 10 LBS.

SUGAR PEAS: 23 00-28.00 10 LBS.

RADISHES: 6.50-10.50 40 CT. BUNCH.

RED BEETS: 11.00-15.00 15 CT. BUNCH.

RHUBARB: 12.00-15.00 BUNCHED 15 CT.

SPINACH: 2.75-5.50 1 1/9 BU.

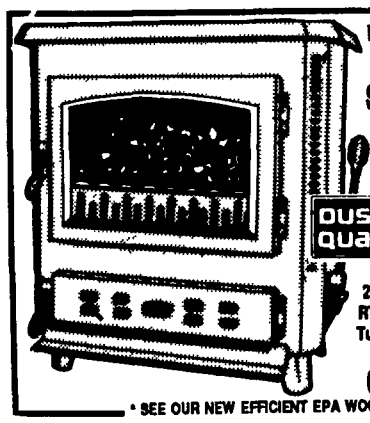
TOMATOES: GREENHOUSE 25.00-28.50 25 LBS.

BEDDING PLANTS: 4.00-8.00 FLAT.

HANGING BASKETS: 3.00-7.50 EACH.

VEGETABLE PLANTS: 3.25-6.25 FLAT.

NEXT WEEK'S SALE DAYS MONDAY, TUESDAY AND FRIDAY.



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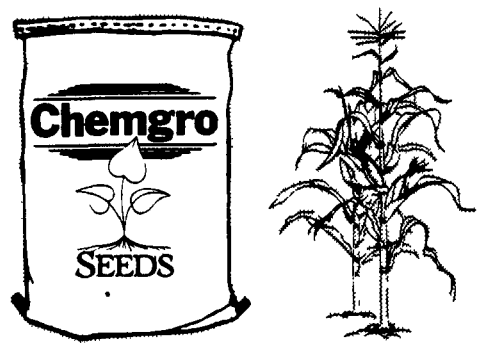

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THIS IS A TEST

THE LIST OF QUESTIONS GOES ON AND ON.... BUT MORE IMPORTANTLY - DO YOU KNOW THE ANSWERS? BE SURE TO ASK BEFORE YOU BUY!

Buy

Big Dutchman.

BEFORE BUYING A NEW CAGE FEEDER, BE SURE TO TAKE THIS TEST:

★ WILL THE FEEDER CARRY ENOUGH FEED DURING PEAK EGG PRODUCTION?

★ WILL THE FEEDER STALL IF THE FEED LEVEL IS TOO HIGH?

★ HOW LONG WILL THE FEED TROUGH LAST IF OYSTER SHELL IS IN THE FEED?

★ HOW MANY MOTORS AND REDUCERS ON THE FEEDER?

★ HOW MUCH MORE WILL IT COST AN ELECTRICIAN TO WIRE ALL THE MOTORS?

★ WHAT HAPPENS IF "FOREIGN OBJECTS" GET IN THE FEED?

★ WILL THE FEEDER HANDLE WET FEED IF YOUR WATERERS LEAK?

★ WHAT IF THE FEED CONVEYOR "BREAKS" - CAN I EASILY SPLICE IT WITH HAND TOOLS OR DO I NEED A WELDER AND TORCH?

★ WHAT WILL THE FEEDER USE FOR CORNERS - A TROUBLE FREE CORNER OR AN ELBOW THAT WEARS OUT?

★ HOW LONG WILL THE FEEDER

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Shippensburg, PA
Average Prices Of #1 Produce
May 12 and 15. Open 11 a.m. Sat. and Tues.
Report Supplied by Auction

APPLES: 4.00-7.00 BU.
ASPARAGUS: 6.00-10.00 10 LB. BOX.
BEDDING PLANTS: 3.00-7.50 FLAT.
SMALL FLOWER POTS AND MUMS: 1.25.2.65 EACH.
LARGE HANGING BASKETS AND FLOWER POTS: 3.00-9.00 EACH.
POTATOES: 3.00-5.50 50 LBS.
WINDOW PLANTERS: 5.00-8.50 EACH.
RADISHES: 2.00-3.00 ½ BU.
RHUBARB: 3.00-5.00 ½ BU.
SHRUBS: 4.00-12.00 EACH.
SPINACH: 2.50-3.50 ½ BU.
SPRING ONIONS: 4.00-9.00 ½ BU.
TOMATOES: FLORIDA 6.00-9.50 25 LB. BOX.
VEGETABLES PLANTS: 2.00-7.50 FLAT.
WATERMELON: FLORIDA 2.50-3.65 15-25 LBS.

Central U.S. Carlot

Pork Report
May 16, 1990
Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M. COMPARED TUESDAY'S 3 P.M. CLOSE: FRESH PORK LOINS 1.00-2.00 LOWER; BOSTON BUTTS 6.00-7.00 HIGHER; SKND HAMS STEADY TO 1.00 LOWER; SDLS. BELLIES UNEVEN. DEMAND LIGHT TO MODERATE, MOVEMENT SLOW ON MODERATE TO HEAVY SUPPLIES AND OFFERINGS.

60 LOADS PORK CUTS
12 LOADS TRIM/PROCESS PORK

PORK CUTS
LOINS, REG., FRESH

14-18 LBS. * 12.5 LOADS, RANGE 133.00-139.00, WGHTD. AVG. 133.76.
¼" TRIM 14-18 LBS., 12.5 LOADS, RANGE 149.00-156.00, WGHTD. AVG. 149.88.
18-22 LBS., * 3 LOADS, RANGE 130.00-134.00, WGHTD. AVG. 131.33 .
¼" TRIM 18-22 LBS., 3 LOADS, RANGE 146.00-150.00, WGHTD. AVG. 147.33.
COMBOS 22 LBS. AND UP, RANGE 105.00, WGHTD AVG. 105.00 C.

LOIN, BLS CTRCT

5-7 LBS., 5.5 LOADS, RANGE 249.00-287.00, WGHTD. AVG. 264.82.

BNLS SIRLOIN

.75-1 LB., 1.5 LOADS, RANGE 169.00-189.00, WGHTD. AVG. 179.00.

TNDRLN, MUSCLE-OFF

1.5 LOADS, RANGE 299.00-344.00, WGHTD. AVG. 324.67.

BOSTON BUTT

4-8 LBS., * 8 LOADS, RANGE 111.00-115.00, WGHTD AVG. 112.06.
¼" TRIM 4-8 LBS., 8 LOADS, RANGE 127.00-132.00, WGHTD. AVG. 128.69.
COMBOS 8/UP LBS., .5 LOADS, RANGE 93.00, WGHTD AVG. 93.00.

SPARERIBS, FRESH

1.5-3.5 LBS., 1.5 LOADS, RANGE 150.00, WGHTD. AVG. 150.00 .
3.5-5.5 LBS., RANGE 123.00-125.00, WGHTD. AVG. 124.00 D.
5.5 LBS. UP, RANGE 93.00, WGHTD. AVG. 93.00 C.

SPARERIB FROZEN

1.5-3.5 LBS., UNQUOTED.

LOIN BACKRIB (BOXED)
FRSH/FRZN

1.5/DN LBS., .5 LOADS, RANGE 315.00, WGHTD. AVG. 315.00 .
1.75/DN LBS., .5 LOADS, RANGE 290.00, WGHTD. AVG. 290.00.
1.75-2.25 LBS., RANGE 290.00, WGHTD. AVG. 290.00.

HAM, SKINNED, FRESH

14-17 LBS. UNQUOTED.
17-20 LBS., 6 LOADS, RANGE 80.00, WGHTD. AVG. 80.00.
20-26 LBS., 8 LOADS, RANGE 76.75-81.00, WGHTD. AVG. 78.19.
26-32 LBS. UNQUOTED.
32 LBS. UP, 2 LOADS, RANGE 72.00-74.00, WGHTD. AVG. 73.00.

BELLY, SDLS, SKIN-ON, FRESH

10-12 LBS., RANGE 56.00, WGHTD. AVG. 56.00 A.
12-14 LBS., 2 LOADS, RANGE 57.00, WGHTD. AVG. 57.00.
14-16 LBS., 2 LOADS, RANGE 57.00, WGHTD. AVG. 57.00.
16-18 LBS., 5 LOADS, RANGE 54.00-55.00, WGHTD. AVG. 54.70.
18-20 LBS., RANGE 54.00, WGHTD. AVG. 54.00 A.
20-25 LBS., UNQUOTED.

PORK TRIMMINGS
BONELESS PROCESSING PORK
CHEMICAL LEAN

COMBO 42% FRESH, 2 LOADS, RANGE 57.00, WGHTD. AVG. 57.00.
BOXED 42% FROZEN, 2 LOADS, RANGE 60.00-62.50, WGHTD. AVG. 61.25.
COMBO 72% FRESH, 1 LOAD, RANGE 95.00, WGHTD. AVG. 95.00.

BLADEMEAT

BOXED 85% FROZEN, RANGE 116.50, WGHTD. AVG. 116.50 C.

PICNIC CUSHION MEAT

COMBO 92% FRESH, UNQUOTED.

BONELESS PICNIC MEAT

COMBO 72% FRESH, 6 LOADS, RANGE 93.00-95.00, WGHTD. AVG. 93.67.
BOXED 72% FROZEN, RANGE 95.00, WGHTD. AVG. 95.00 A.

SKINNED JOWLS

COMBO, FRESH, RANGE 56.00, WGHTD. AVG. 56.00 E.
BOXED, FROZEN, 1 LOAD, RANGE 60.00, WGHTD. AVG. 60.00.

NOTE! (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

PORK CARCASS CUTOUT
WED., MAY 16

ESTIMATED GROSS OUTPUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES. WEDNESDAY'S CARCASS GRADES AND PRICES PER CWT.:

US#1 83.29, CHANGE FROM TUESDAY'S VALUE .95; US#2 80.62, CHANGE .93; US#3 77.94, CHANGE .90; US#4 75.26, CHANGE .87.

TODAY'S CALCULATION FOR US#2 175 LB. PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21.01% OF CARCASS, 80.00 FOB VALUE, CHANGE FROM TUESDAY 1.50; LOINS, ¼" TRIM, 14-22 LBS., 20.33% OF CARCASS, 149.00 FOB VALUE, -1.00 CHANGE FROM TUES.

BELLIES, SDLS., 12-14 LBS., 13.90% OF CARCASS, 57.00 FOB VALUE; SPARERIBS, 3.5 DOWN LBS., 3.03% OF CARCASS, 150.00 FOB VALUE, 5.00 CHANGE.

PICNICS, 8-12 LBS., 10.31% OF CARCASS, 62.00 FOB VALUE, 2.00 CHANGE; BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 128.00 FOB VALUE, 4.00 CHANGE FROM TUESDAY.

JOWL, 2.85% OF CARCASS, 56.00 FOB VALUE, 5.00 CHANGE; NECKBONE, 1.52% OF CARCASS, 17.00 FOB VALUE; FEET, 1.05% OF CARCASS, 19.00 FOB VALUE.

TAILS, .22% OF CARCASS, 42.00 FOB VALUE; TRIM 72%, 2.19% OF CARCASS, 93.00 FOB VALUE, 1.00 CHANGE FROM TUES.; LARD, 10.85%, 11.00 FOB VALUE.

TOTAL CARCASS 94.51%; US#2 CARCASS VALUE PER CWT.: 80.62.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

Shenandoah Valley Livestock

Harrisonburg, Va.
May 12, 1990
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 98.00-114.00; 500-700 LBS. 84.00-105.00; 700-1000 LBS. 75.00-85.00; HOLSTEINS 300-800 LBS. 67.00-86.00.

S-L&M&L-2: 300-500 LBS. 90.00-97.00; 500-700 LBS. 80.00-95.00.

FEEDER BULLS: 300-500 LBS. 90.00-106.00; 500-700 LBS. 82.00-88.00.

S-L&M&L-2: 300-500 LBS. 81.00-86.00.

HEIFERS: M&L-1 300-500 LBS. 86.00-96.00; 500-700 LBS. 74.00-90.00; 700-1000 LBS. 70.00-79.00, 1 LOT AT 84.00.

STOCK COWS: BEEF 450.00-650.00, WITH CALVES 640.00-1090.00; BABY CALVES BY HEAD 60.00-180.00; BY CWT. 76.00-175.00.

SLAUGHTER COWS: UTILITY AND COMMERCIAL 51.00-58.75, 1 AT 60.25; CANNER AND CUTTERS 1-3 47.00-52.00.

SLAUGHTER BULLS: 1&2 53.50-72.50.

LAMBS: .70 HIGHER. BLUE O HIGH CHOICE AND PRIME 66.30; RED O CHOICE 63.75; FEEDER LAMBS CHOICE 63.00-65.25; SLAUGHTER EWES 11.00-16.50; HEAD EWES 12.00-17.50.

SOWS 1-3: 49.00-59.75; BOARS 48.75.

VEALS: CHOICE AND PRIME 100.00-111.00.

SLAUGHTER CALVES: GOOD AND CHOICE 81.00-95.00.

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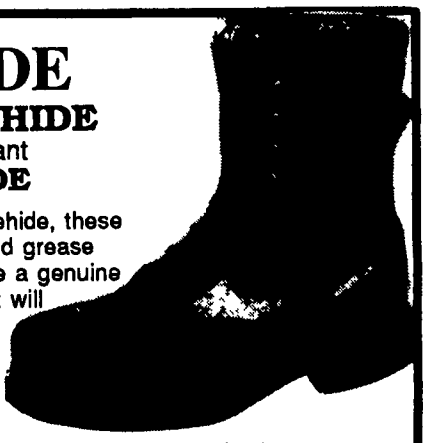

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6 Inch	D, EE, EEE	$57.95		
8 Inch	D, EE, EEE	$59.95		
8" Steel Toe	EE Only	$64.95		
8" Insulated,	snow grip sole	$67.95		

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Isennock Auction

New Park, PA
Monday, May 14, 1990
Report supplied by auction

SLAUGHTER COWS: GOOD TO LOW CHOICE 56 00-57.00, LOW TO GOOD 50 00-55 55; LOW AND SHELLS 48 75 AND LOWER.

VEAL CALVES· 145-235 LBS 86 00-111 00; 100-110 LBS 135.00-173.00, 90-95 LBS 130 00-173 00, 70-85 LBS 92 00-147.00; WEAK CALVES 82.00 AND LOWER.

FEEDER CATTLE, STEERS 325-360 LBS 87 00-87.50, 570-815 LBS. 74 00-76 50; HEIFERS, 360-510 LBS. 82 00-87.50; 510-840 LBS. 71.25-76 25.

BULLS· 365-490 LBS. 86 00.

FED STEER, HOLSTEIN. 1 AT 1235 LBS 69.50

SOWS· GOOD 470-520 LBS. 51 00-52 00; OTHERS 370-430 LBS 45 00-48 50.

HOGS 200-210 AVG 53 00.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, May 15, 1990
Report supplied by auction

COWS UTILITY 53 00-58.00; HIGH DRESSING 59.00-61 00; CANNERS 52 00-56 00, SHELLY 52.00 DOWN.

BULLS: YG#1 1650 LBS. UP TO 71.75; YG#2 1100-2000 LBS. 63.00-66.00.

FED STEERS: HIGH CHOICE 1200 LBS. UP TO 79.75, AVG. CHOICE 76.00-78 50, SELECT 70 00-75 00, CHOICE HOLSTEINS UP TO 69.75, SELECT HOLSTEINS 63.00-67 00.

FED HEIFERS. CHOICE 900-1125 LBS. 70.00-73.00; SELECT 65.00-69.00, STANDARD HOLSTEINS 58 00-63 00

VEAL CALVES: CHOICE 170-250 LBS. 105.00-120.00; GOOD 95.00-104.00; CULLS 85-120 LBS. 85.00-92.00; 50-80 LBS. 70.00-85.00; WEAK AND ROUGH 70.00 DOWN.

FARM CALVES, HOLSTEIN BULLS· FEW UP TO 195.00; #1 90-125 LBS. 165.00-185.00: #2 85-110 LBS. 120.00-160.00.

HOLSTEIN HEIFERS: 100-125 LBS. 130.00-170.00; BEEF X BULLS 140.00-170.00; BEEF X HEIFERS 100.00-127.00.

BUTCHER HOGS: #1 AND 3 215-260 LBS. 60.00-61.00; #2 AND 3 220-280 LBS. 55.00-58.00; #1 AND 3 290-350 LBS. 51.00-54.50; 2 AND 3 46.00-49.00.

SOWS: 300-500 LBS. 50 00-52.00; 500-700 LBS. 52.00-54.00

5BOARS: UP TO 49 75.

STOCK CATTLE, STEERS: 300-500 LBS. 89.00-107 00, 500-700 LBS 75 00-87 00, 700-1000 LBS. 67 00-77 00

HOLSTEINS· 900-1100 LBS 55 00-59 00

HEIFERS 200-400 LBS. 80 00-98 00, 400-500 LBS 75 00-91 00, 500-700 LBS 72 00-83 00

BULLS 200-400 LBS 90 00-119 00, 400-500 LBS 85 00-93 00, 1 920 LB AT 63 00

LAMBS. CHOICE TO PRIME 100-120 LBS. 65.00-70 00, 80-100 LBS 71 00-73 00, GOOD TO CHOICE 60-80 LBS. 64.00-73 00, 40-60 LBS. 75.00-91.00.

SHEEP: 19 00-21 00; YEARLINGS UP TO 35.00.

GOATS· LARGE 60 00-90.00, MEDIUM 50 00-70 00, SMALL FLESHY 34 00-45 00

PIGS AND SHOATS, BY THE HEAD, 20-30 LBS 26 00-42 00; 30-50 LBS. 45 00-55 00, BY THE POUND, 30-60 LBS 89 00-95 00, 110-185 LBS 57.00-61.00.

STOCK BOARS· 220-250 LBS 48 00-52 50, 160-190 LBS 42 00-48 00

Grantsville Livestock

Grantsville, Maryland
Sat., May 12, 1990

HOGS. TOP BARROWS & GILTS 59.50-62.00; HEAVY BUTCHER 57.00-61.50; LIGHT BUTCHER 48.00-59.00; BUTCHER SOWS 42 00-55.00, FEEDER SHOATS 8 00-62.50.

VEAL: RETURN TO FARM TO 1.85; GOOD 1.00-1.30, STANDARD 85.00-90 00, UTILITY 60.00-75.00; BULL CALVES 1 20-1.80.

SHEEP & LAMBS. GOOD 65.00-70.00; UTILITY 62.00-64.00, SLAUGHTER EWES 15.00-20.00.

SLAUGHTER CATTLE: STEERS GOOD NONE AVAILABLE; STANDARD 62.00-65 00; UTILITY 58.00-60.00. HEIFERS· GOOD NONE AVAILABLE; STANDARD 60.00-69.00; UTILITY 55.00-58.00.

COWS: COMMERCIAL 52.00-62.75; UTILITY 45.00-48.00; CANNER AND CUTTER 40.00 AND DOWN.

BULLS: COMMERCIAL & GOOD 65.00-75.85; CUTTER & UTILITY 60.00-62.50.

STOCK-FEEDER CATTLE: GOOD 80.00-90.00; MEDIUM 60.00-70.00.

STEER CALVES: GOOD 90.00-1.15; MEDIUM 80.00-85.00.

HEIFER CALVES: GOOD 85.00-1.05; MEDIUM 65.00-75.00.

East Coast Carlot

Wed., May 16, 1990
Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO LAST WEEK: NO SALES REPORTED ON LAMB CARCASSES BUT A WEAK UNDERTONE PREVAILS.

Peoria Sheep

Peoria, Illinois
Tuesday, May 15, 1990

BP 0900C SF --O--
REQUEST .2062

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE SHEEP: 100 TRADING MOD 62 00-64.00

North Jersey Market

Hackettstown, N.J.
Tuesday, May 15, 1990
Hay—Straw & Grain Report

MIXED HAY· 1.00-2.40 BALE.
GRASS HAY: 1.60 AND 2.30 BALE.
TOTAL: 7 LOADS

St. Louis Cattle, Hogs

Thursday, May 17, 1990

OPENING MID-SESSION WEEKLY CLOSE CATTLE AND CALVES: 425 (25 SLTR, 400 FDRS) SUPPLY CONSISTS OF FEEDER CATTLE AND COWS FOR REGULAR THURSDAY AUCTION.

NO TEST ON SLAUGHTER CATTLE.

SLAUGHTER CLASSES: NO TEST COWS: CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG. CUTTER.

RECEIPTS THIS WEEK 1,500: WEEK AGO 1,300: YEAR AGO 1,600.

FOR THE WEEK, SLAUGHTER STEERS AND HEIFERS UNEVEN, MOSTLY STEADY. COWS STEADY TO 1.00 LOWER, DECLINE ON HI-YIELDING CUTTER AND BONING UTILITY.

BULL FULLY STEADY. SLAUGHTER SUPPLY MAINLY CHOICE STEERS AND HEIFERS, AROUND 10% COWS.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, May 17, 1990

RETURN TO FARM CALF 120.00-194.00.
GOOD VEAL 80.00-119.00
COMMON VEAL 45 00-79.00.
CHOICE STEERS 74.00-79.50.
SELECT STEERS 68.00-73.00.
COMMON STEERS 59.00-67.00.
COMMERCIAL COWS 52.00-58.25.
CANNERS-CUTTERS 46 00-57.00.
SHELLS 45.00-50.00.
CHOICE HEIFERS 72 00-76 00.
SELECT HEIFERS 65.00-71.00.
COMMON HEIFERS 58 00-64.00
GOOD FEEDERS 70.00-95.00.
COMMON FEEDERS 50.00-69 00.
BULLS 59.00-70.00.
GOOD HOGS 59.00-63.00.
HEAVY HOGS 61 50
SOWS 48.00-53.00.

Pennsylvania Livestock Auction

Waynesburg, Pa.
Thursday, May 17, 1990
Report Supplied by PDA

COMPARED WITH LAST THURSDAY'S MARKET.

CATTLE BREAKING UT. & COMMERCIAL SL. COWS 52.00-58.50, FEW HIGH YIELDING 60.00. CUTTER & BONING UT. 49.50-54.50, CANNER & LO CUTTER 44.00-49.00. SHELLS DOWN TO 40.00. YIELD GRADE NO. 1 LBS. SL. BULLS 65.00-80.00, NO. 2 58.00-64.50.

FEEDER CATTLE: STEERS STOCK COWS & CALF PAIRS 600 TO 980 PER PAIR! M&L 300-500 LBS. 90.00-109.00, 725 LBS. @ 77.00. HEIFERS M 250-400 LB. 80.00-07.00. BULLS M&L 350-600 LBS. 75.00-93.50, 785 LBS. 68.00-77.00.

CALVES: VEALERS CHOICE 120-130, BOOD 90.00-108.00, NO. 1 HOLSTEIN BULLS 90-120 LBS. 140.00-166.00, NO. 2 99-120 LBS. 110.00-135.00. BEEF CROSS BULLS & HEIFERS 90.00-175.00.

HOGS: US NO. 1-2 60.00-61.50, 1-3 55.00-59.25, 2-3 52.00-56.50. US NO. 1-3 350-400 LBS. 50.00-52.00, FEW 2-3 350-400 LBS. 47.00-49.00. BOARS 42.00-47.50.

FEEDER PIGS NO. 1-3 30-40 LBS. FEEDER PIGS 40.00-55.00, 1-3 70-80 LBS. 44.00-47.00.

SHEEP: H. CHOICE & PRIME 75-80 LBS. 71.00-74.00, CHOICE 40-55 LBS 60.00-69.00; GOOD/CHOICE 55.00-58.00; SLAUGHTER SHEEP 15.00-22.00.

GOATS: LARGE 40.00-48.00, MEDIUM 30.00-36.00, SMALL 15.00-28.00/HD.

Indiana Livestock

Homer City, PA
Thursday, May 17, 1990
Report supplied by PDA

CATTLE 183. COMPARED WITH LAST THURSDAY'S MARKET, SL. STEERS FULLY STEADY; SL. COWS FULLY STEADY; CHOICE 74.50-77.00; SEL. & LOW CH. 70.00-75.25, FEW SEL. 65.00-66.25; STAND. 62.25-69.75. H. CH. & PR. SL. HEIFERS 76.25-78.00, CH. 71.75-75.25, FEW SEL. & LCH 68.00-70.25, STAND. 61.25-67.00. BREAKING UT. & COMMERCIAL SL. COWS 52.00-57.00, COUPLE 57.75-63.00, CUTTER & BON. UT. 50.00-55.00, HD. 57.25, CANNER & LO CUTTER 43.75-50.25, YIELD GRADE NO. 1 1035-1690 LBS. SL. BULLS 61.00-68.00, COUPLE NO. 2 1160 LBS. 59.50.

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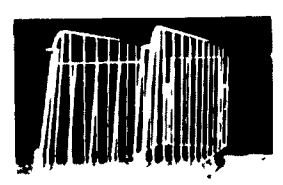

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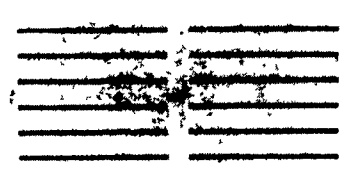

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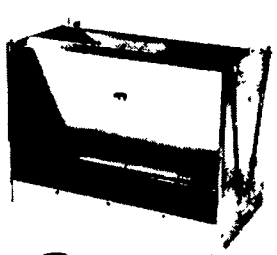

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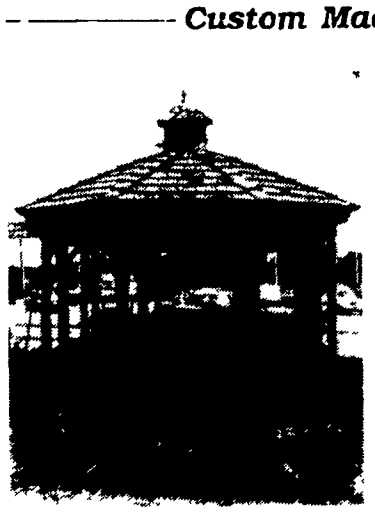

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PASS Reports Spring Planting Underway, Moisture Adequate

For The Week Ending May 13

Good Week For Fieldwork

Pennsylvania experienced a wet week with above normal temperatures. The week started off fairly dry, but two storm systems provided the region with most of the week's rain.

The week started and ended on the cool side, but on the average, the week was just above normal.

The respondents in our survey indicated that four days were suitable for field work across the state.

Activities for the week included: spring plowing; planting corn, oats, soybeans, potatoes, hay and vegetables; cutting hay; repairing fence; hauling manure; spraying; spreading fertilizer and lime; maintaining machinery; spraying trees; soil terracing; and caring for livestock.

Soil Moisture

By week's end, topsoil moisture across the state was rated short by 9 percent of our respondents, adequate by 79 percent, and surplus by 12 percent.

In the northern region, 22 percent of our respondents rated soil moisture as short, while 72 percent rated it adequate, and 6 percent rated it as surplus.

In the central region, 3 percent of our respondents rated soil moisture as short, 88 percent rated it adequate, and 9 percent rated it as surplus.

In the southern region, 75 percent of our respondents rated soil moisture as adequate, and 25 percent of our respondents rated it surplus.

Plowing

Spring plowing, by the end of the week, was 84 percent completed. Last year at this time 72 percent was complete and the five year average for this date was 83 percent.

Spring plowing was 76 percent complete in the northern region, while plowing in the central and southern regions were 86 and 94 percent completed, respectively.

Corn

By the end of the week, 43 percent of the state's corn was planted. Last year at this time, 17 percent was planted. The five year average was 41 percent.

Planting was 35 percent completed in the northern region, 44 percent completed in the central region, and 56 percent completed in the southern region.

Soybeans

Soybean planting was 7 percent complete by the end of the week. As of this date last year, 3 percent was planted, and the five year average was 16 percent.

Oats

Oats planting in the state was 92 percent completed by week's end. Last year's figure was 80 percent, and the five year average was 91 percent.

The oats crop across the state was rated 26 percent excellent, 50 percent good, 20 percent fair, 2 percent poor, and 2 percent very poor by our reporters.

Potatoes

Pennsylvania's potatoes were 60 percent planted according to our respondents. Last year 52 percent was planted and the five year average was 70 percent.

Wheat and Barley

Pennsylvania's wheat was 66 percent pre-boot, 29 percent boot and 5 percent heading by week's end.

Last year's wheat was 79 percent pre-boot and 21 percent boot at this time.

The wheat crop was rated 23 percent excellent, 54 percent good, 19 percent fair, 2 percent poor and 2 percent very poor by our respondents.

Pennsylvania barley was 45 percent pre-boot, 25 percent boot and 30 percent heading. At this time last year, the state's barley was 52 percent pre-boot, 25 percent boot, and 23 percent heading.

Fruit

The state's peaches were 14 percent pre-pink according to our respondents. Eight percent were in the pink and 78 percent were in the full bloom or past stage. At this time last year 14 percent of the peaches were pre-pink, 13 percent were pink and 73 percent were full bloom or past.

Pennsylvania cherries were 11 percent pre-pink, 5 percent pink, and 84 percent full bloom. Last year at this time, 16 percent of the cherries were in pre-pink, 16 percent were pink and 68 percent were full bloom or past.

Apples were 13 percent pre-pink, 14 percent pink, and 73 percent full bloom. Apples, at this time last year, were 29 percent pre-pink, 28 percent pink, and 43 percent full bloom or past.

Hay and Pasture

Alfalfa hay stands were 35 percent good, 61 percent fair, and 4 percent poor. Clover-timothy stands were rated good by 43 percent, fair by 56 percent, and poor by 1 percent of the respondents.

Statewide, 1 percent of alfalfa had been cut for hay. Eleven percent of the respondents rated the amount of feed being obtained from pastures by week's end as above average, and 82 percent rated it as average, and 7 percent indicated below average feed value.

U.S. As Of May 6

Rain and wet field conditions continued to slow fieldwork in Arkansas, Missouri, Kentucky, and Tennessee. Rain also hampered fieldwork in portions of the Central and Southern Great Plains and Corn Belt.

Dry weather prevailed over most of the Northern Great Plains and the West.

In the East, soil moisture was mostly adequate except in the Southeast. U.S. corn planting was 50 percent complete. Nationwide, winter wheat was good to fair with 23 percent of the acreage headed. U.S. soybean planting was 5 percent complete.

ISSUED BY: The Pennsylvania Agricultural Statistics Service, Harrisburg, Pa. in cooperation with the U.S. Department of Agriculture, the Pennsylvania Department of Agriculture, and the U.S. Department of Commerce, NOAA, National Weather Service.

There's a new breakthrough seed treatment for small grains.

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Powerful, broad-spectrum protection against powdery mildew, rusts and smuts.

No other seed treatment can deliver more protection against major small grain diseases than new BAYTAN 30.

It's EPA cleared for use on wheat, barley, oats and rye, and university test plots over the past few years have proven that, where disease pressure is moderate to heavy, BAYTAN 30 will consistently produce an exceptional return on investment.

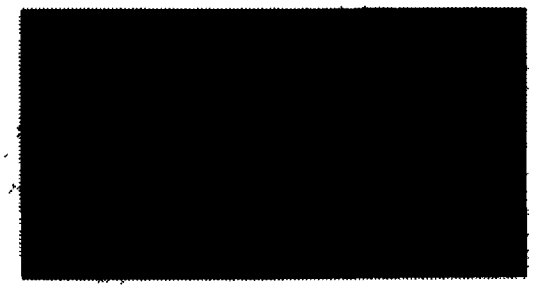
Since BAYTAN 30 is systemic, it is absorbed right into the plant's system, effectively controlling or suppressing seedborne and soilborne diseases for several weeks. Researchers from some production areas have reported that BAYTAN 30 will also effectively suppress take-all.

BAYTAN 30 also provides early season protection against the establishment of foliar diseases such as powdery mildew, leaf and stripe rust, and can be used in conjunction with your foliar fungicide program.

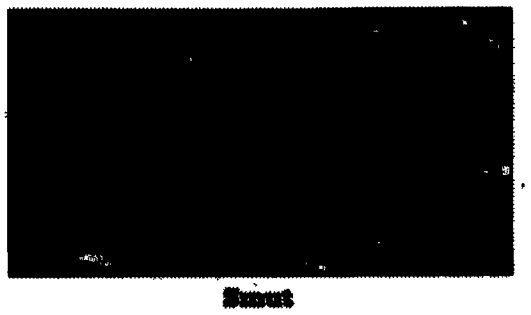
This exciting new seed treatment will be available only on seed sold through certified seed conditioners. So, for more information on BAYTAN 30 and the locations of certified seed conditioners near you, please contact the Gustafson office in Dallas, (214) 985-8877.

When you're up against moderate to heavy disease pressure, there isn't a better answer than new BAYTAN 30 Systemic Seed Treatment from Gustafson.

Powdery Mildew



Rust



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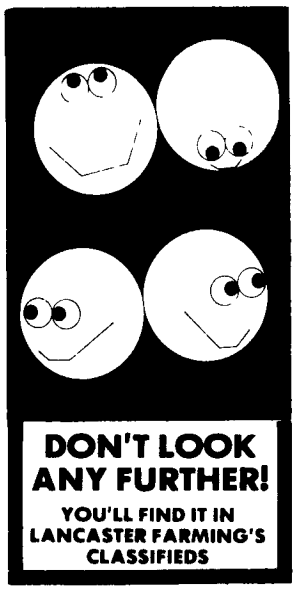

FOCUS

Pennsylvania Dairy Herd Improvement Association

Call 1 800 DHI TEST for service or information

DHIA Has A Few Questions For You

Pennsylvania DHIA wants to make new optional reports available that will be useful to help make dairy farming more profitable. We have already started to survey what services other state DHIA's provide for their members. But what we really need to know is what you need as a farmer in Pennsylvania. So, we are asking you to help us.

We would like you to answer two basic questions for us:

A. What present reports are most useful to you?

B. What new DHIA reports could you use?

To help us help you, please take a few minutes to answer the following questions and send us your answers as soon as possible. The address of the Pennsylvania DHIA office is listed at the bottom of this questionnaire.

PRESENT REPORTS

* Which of the present basic DHIA reports do you find most useful? Please list them numbers 1 through 5 in order of importance. Leave blank any report that you do not use.

___a. The Monthly Report.
___b. The Herd Summary.
___c. The Reproductive Management Report.
___d. The Life History Sheet.
___e. The Cow Index Report.

* If you do not use one or more of these reports, please tell us why. _____

_____

_____

_____

_____

* In addition to the basic DHIA reports, optional reports are also offered. Which of these optional reports do you find useful? Again list them numbers 1 through 5 in order of importance.

___ a. Somatic Cell Count Report.
___ b. Group feeding (up to five groups).
___ c. 365-Day Option (365-day actual production).
___ d. Barn Card Option(s).
___e. Duplicate Reports (useful for consultants).

* Another option for DHIA monthly reports is to list individual cows or groups of cows in various orders based on the following criteria. Please check which listing order is most useful to your operation.

Listing Order:

___ By barn name.
___ By test day milk lbs. (herd or group.
___ By test day fat lbs. (herd or group).
___ By estimated 305-day milk (herd or group).
___ By estimated 305-day fat (herd or group).
___ By visible identification.
___ By index number.

* Is the listing order you checked above the same as the listing order you now use on your DHIA Monthly Report? _____

POSSIBLE NEW OPTIONAL REPORTS

Now we present a list of reports that could be offered from the data we have in our computers here at State College. Read over this list and check any report that may be helpful to your dairy operation. Items that receive the most number of checks from the respondents to this questionnaire will be given high priority consideration when new programs are offered by DHIA.

PRODUCTION

* Items such as cow index number, name, estimated or actual production, days in milk, production of milk, fat and protein, can be arranged in many different ways. Please check any three items on the following list for production criteria that would be most useful to you.

___ By 305 milk.
___ By 305 fat.
___ By 305 protein.
___ By 305 fat corrected milk.
___ By last test day fat corrected milk.
___ By test day milk.
___ By test day fat.
___ By test day fat corrected milk.
___A culling guide based on your criterion (example: 80% below herd average).
Other: _____

REPRODUCTION

* Items such as cow index number, name, date for required action or check and number of times bred can be offered. Which three of the following list would be most useful to you?

___ List of cows to pregnancy check.
___ List of cows to check for heat.
___ List of cows which have been bred more than 3 times.
___ List of cows due to calve.
___ List of cows to dry.
___ List of cows to breed.
___Conception rate report by month and lactation.
___ Other: _____

HERD HEALTH

* Items such as cow index number, name, occurrence which caused the listing, action required or date of action can be offered. Which items of the following list could you use:

___ Listing of cows with SCC above 300,00.
___ Analysis of why animals left the herd.
___. Other: _____

HERD ANALYSIS

* From the information available, summary reports on a herd basis could be made available. Again, please check any items on the following list that would be useful to you.

___Herd lactation graph (quarterly or semi-annually).
___ Monthly milking herd average pounds of milk (over a 24 month period for comparisons).
___ Monthly herd average % fat (24 months).
___ Monthly herd average days in milk (24 months).
___ Analysis of return over feed cost average (24 months).
___ Comparison of herd with state averages.
___ Other: _____

INDIVIDUAL COW ANALYSIS

* To show a wide range of information on each cow, which items on the following list could you use?

___ Lactation graph at the end of each lactation.
___Complete listing of reproductive and health actions on each cow.
___ Extended parentage performance information.
___ Preprinted application forms for registration of calf.
___ Other: _____

LISTINGS

* There are many additional ways in which animals can be listed in your herd. Could you use:

___ Cows listed by sire.
___ Cows listed by service sire.
___ Cows grouped by lactation.
___ Cows listed by age.
___ Cows listed by days in milk.
___ Cows grouped by SCC linear score group.
___Cows listed by per cwt return over feed costs.
___ Other: _____

LEVEL OF REPORTING

* Please check the level of DHIA reporting so that is most useful to you in your dairy operation:

___ Simple: A report that would simplify and group the information of the present report.
___ Regular: A report of the type you presently receive along with a number of the above summary options.
___ Specialized: A report constructed to be very specific to your individual operation for special analytical work.

YOUR FARM BACKGROUND

* To help us get to know you better so we can more effectively tailor our programs to your needs, please give us a little background on your farming operation.

Name: _____

Address: _____

Town: _____

Phone: ( ) _____

DHIA Herd Number: _____

* How many cows do you milk? _____

* How many acres do you farm? _____

* Do you use a personal computer, feed computer or intergrated computer system of any of kind on your farm? _____

* If you have no computer on your farm, do you plan to purchase a computer within the next two years? _____

Thanks for your answers. Please take a separate sheet of paper and make any additional comments that will help us provide you with better DHIA reports. Also, if you have questions about specific services or reports that can be provided by DHIA, don't hesitate to ask us or your field supervisor for more information.

When you have completed this questionnaire and made any comments or questions, clip out this page and send it to:

Mr. G.M. (Geoff) Barr, manager special services
Pennsylvania DHIA
Orchard Road
University Park, PA 16802

Thanks For Your Answers

Your Answers Will Help Develop New Programs

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 4/30/90 and 5/07/90

Number of Herds Processed	1,410
Number of Cows Processed	81,778
Number of Cows Per Herd	57.9
Milk Per Cow (Lbs)	16,629
%-Fat	3.70
Fat Per Cow (Lbs)	616
%-Protein	3.20
Protein Per Cow (Lbs)	532
Average Days in Milk Per Cow	315
*Value for CWT Milk($)	14.23
*Value for CWT Grain($)	8.09
*Value for CWT Hay($)	4.30
*Value for CWT Silage($)	1.50
*Value for Pasture Per Day($)	.31
*Value for Milk Per Cow Per Year($)	2,367
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	6,657
B: Hay	2,782
C: Silage	14,232
D: Day Pasture	68
*Feed Cost Per Cow Per Year($)	
A: Grain	539
B: Hay	119
C: Silage	214
D: Pasture	21
*Total Feed Cost Per Cow Per Year($)	894
*Income Over Feed Costs Per Year($)	1,472
*Grain to Milk Ratio	1:2.4
*Feed Cost Per CWT Milk($)	5.38
Avg Level For 1138 SCC Herds	344,195

*Member generated figures

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.98
Wheat, No. 2 - 3.70
Barley, No. 3 - 2.12
Oats, No. 2 - 1.72
Soybeans, No. 1 - 5.88
New Ear Corn, - 82.47
Alfalfa Hay - 131.25
Mixed Hay - 110.00
Timothy Hay - 102.50

RELATIVE FEED VALUES: Multiple Feedstuffs
PRICE INPUT: as of May 4, 1990

Shelled Corn Per Bushel---> $3.58
44% Soybean Oilmeal Per Ton> $224.00

Crop/Feedstuff		Relative Feed Value	@ DM %
Table 1. Grains			
1	EAR CORN	115.52 Per Ton	85
2	EAR CORN, high moisture	83.83 Per Ton	65
3	EAR CORN, bushel basket	2.02 Per Bu.	85
4	CORN, shelled, high-moisture	102.84 Per Ton	72
5	OATS, spring	2.02 Per Bu.	90
6	BARLEY, winter	3.28 Per Bu.	89
7	WHEAT, winter	3.96 Per Bu.	86
8	RYE, winter	3.68 Per Bu.	88
9	SORGHUM, grain	3.46 Per Bu.	89
10	SOYBEANS, whole, raw	6.63 Per Bu.	90
Table 2. Supplements & Extenders			
11	COTTONSEED MEAL	10.62 Per Cwt.	93
12	BREWER'S GRAIN, wet	40.27 Per Ton	24
13	BREWER'S GRAIN, dried	153.10 Per Ton	92
14	DIST. CORN GRAIN, dried	178.01 Per Ton	93
15	HOMINY FEED	7.24 Per Cwt.	91
16	CORN GLUTEN FEED	8.23 Per Cwt.	90
17	WHEAT BRAN	6.39 Per Cwt.	89
18	WHEAT MIDS	7.21 Per Cwt.	90
19	BEET PULP, dried	6.03 Per Cwt.	91
Table 3. Hay			
20	LEGUME	115.42 Per Ton	87
21	MIXED, mainly legume	111.23 Per Ton	87
22	MIXED, mainly grass	96.34 Per Ton	88
23	GRASS	93.75 Per Ton	89
Table 4. Silages			
24	CORN	40.26 Per Ton	34
25	LEGUME, haycrop	60.92 Per Ton	47
26	MIXED, mainly legume	57.08 Per Ton	46
27	MIXED, mainly grass	46.83 Per Ton	43
28	GRASS, haycrop	41.57 Per Ton	40
29	SMALL GRAIN	47.07 Per Ton	37
30	SORGHUM-SUDAN	40.48 Per Ton	34

Based on nutrient values in Penn State University Feeds Library.

Program by:
W.K. Waters, Dept. of Ag. Econ. & Rural Soc., Penn State University.

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H304 — MC H304, 90-95 DAYS, MF $60.00, MR $58.00, U or R $57.00, PLATELESS
SX390 — MC SX390, 85-90 DAYS, MF $50.00, MR $48.00, U or R $47.00, PLATELESS
XA788 — MC XA788, 110-115 DAYS, MF $70.00, MR $68.00, U or R $67.00, PLATELESS
SX220 — MC SX220, 85-90 DAYS, MF $70.00, MR $68.00, U or R $67.00, PLATELESS
XA490 — MC XA490, 90-95 DAYS, MF $70.00, MR $68.00, U or R $67.00, PLATELESS
XA804 — MC XA804, 115-120 DAYS, MF $50.00, MR $48.00, U or R $47.00, PLATELESS
3X676 — MC 3X676, 105-110 DAYS, 85-90 DAYS FOR SILO, MF $45.00, MR $43.00, U or R $42.00
SILO CHIEF — MC SILO CHIEF, 85-100 DAYS FOR SILO, MF $50.00, MR $48.00, U or R $47.00, PLATELESS

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J. Mitchell Blose, Yattesboro, Pa, 412-783-6365
Keith Treichler, Kutztown, Pa, 215-683-8200
C.E. Sauder Mill, East Earl, Pa, 215-445-4822
Norman Fetterman, Catawissa, Pa, 717-356-7936
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Greenhouse Integrated Pest Management Researched

MARY
LAEGER-HAGEMEISTER
Dauphin Co. Correspondent

DAUPHIN (Dauphin Co.) — A year ago our country was hit with the Alar scare that greatly hurt the apple industry across the country. It also brought to the forefront an emotional side of consumers concerning the foods they ingest and what sorts of pesticides are on the foods.

In our growing world with more people to feed and greater demands for quality produce in the market, farmers have sought means to yield high quality and quantity of food to feed the peoples. Part of the practice has had to include the safe use of pesticides in order to produce the masses of food to meet consumer demands.

However, continued research is being conducted on Integrated Pest Management (IPM) in order to achieve high quality and quantities of food using all forms of control. IPM includes, chemical control, biological control, physical control and cultural control.

Greenhouse Project Investigators:

Specific research is being conducted through Penn State College of Agriculture targeting greenhouse operators producing tomatoes and poinsettias. The project is funded through Pennsylvania Department of Agriculture and implemented through Extension Agent, Alan Michael who initiated the grand and is responsible for the coordination of the professional staff, supervising and training field staff, maintaining the working relations with cooperating greenhouse operators, data collection, and developing, implementing and evaluating the IPM strategies.

In addition to Michael, there are several other key people involved in this project. Dr. Paul Heller, of the Penn State Entomology Department is responsible for coordinating the investigation of the white fly pests and parasites and developing, implementing and evaluating of the "Greenhouse IPM" strategies. Alan MacNab of PSU Plant Pathology Department is overseeing disease control, environmental monitoring, and evaluating as it relates to IPM. Horticulture expertise concerning greenhouse vegetable IMP is provided by Dr. Michael D. Orzolek of PSU Horticulture Dept.

All of the previously mentioned staff are dependent on Cathy Thomas, a research technologist who has been hired to scout the greenhouses, introduce and monitor the parasites, gather data and assist in producing educational materials.

The entire project is dependent on all these staff members contributing their expertise as well as the cooperating greenhouse operators allowing them to do the research without interference.

Why Research Greenhouse IPM?

The need to research greenhouse IPM strategies was based on the fact that greenhouse crop production represents a major agricultural commodity throughout the Commonwealth of Pennsylvania. The 1988 National Agricultural Statistical Services survey indicated that there are over 632 Pennsylvania greenhouse flower growers with a wholesale product value of $93 million retailing at a value of $200 million. This high productivity places Pennsylvania 6th in the national floriculture sales. In addition, Pennsylvania's greenhouse vegetable crop production has a wholesale value of $38 million.

However, management and control of greenhouse whiteflies remains a significant concern to growers of poinsettias, regal geraniums, bedding plants, greenhouse vegetables, and many other crops. There are a number of reasons the whitefly is so troublesome, includes pesticide resistance, changes in re-entry times and loss of registered pesticides such as Temik. Because of serious control problems encountered by growers the results are in substantial quality losses which in turn reduce the wholesale values of the finished products.

Since the environment is a major factor affecting the success of a greenhouse operation this research project is designed to take special notice of the environmental conditions within the commercial greenhouses. Included is, documenting diseases and disease levels at various periods during the production of the crop, allowing correlations to be made between environmental conditions and disease as well as appearance and development. This research could allow for more knowledgeable decision making regarding disease control programs.

Greenhouse Whitefly and Parasitic Wasp

The greenhouse whitefly, a pest of many greenhouse vegetable and ornamental plants, has a complicated life cycle which makes it difficult to control. Adult whiteflies begin the life cycle by laying eggs on the underside of leaves. When the eggs hatch, small nymphs emerge and develop mobile legs that enable them to search for a desirable feeding sight. Upon finding this host area they lose their functional legs and spend their remainder of the late nymphal stages (instars) at the same feeding sight. During the fourth instar the nymph's bodies become thickened with lateral hair and develop into the pupal or resting stage. It is at the stage that the adult whitefly emerges thru a slit in the pupal skin. This whole process takes approximately 37-42 days, depending on the greenhouse temperature.

Damage to the plant from the whitefly feeding consists of a sticky honeydew rich in carbohydrates and proteins, that is excreted on the lower plant foliage and the fruit. This honeydew is the host to a sooty mold which causes unsightly cosmetic damage and is detrimental to the plant's health.

The main objective of this project is to see how Encarsia Formosa Gahan, a parasitic wasp which is host specific, will control whiteflies. It is the use of integrating biological control into the IPM program. The Encarsia life cycle consists of an egg, three larvae stages, pupa and the adult. During the adult stage the Encarsia is attracted to the volatile honeydew that has been excreted by the whitefly. Encarsia searches only for the leaves that have been infested with the whitefly. This parasitic wasp prefers to deposit eggs in the third and fourth instars of the whitefly nymph which will then develop into parasatized whitefly pupae. When there is effective parasitism, the white pupae of the whitefly will turn black and the adult Encarsia will emerge from the parasitized black pupae.

Greenhouse Tomatoes

Cathy Thomas, Research technologist spends most of her working day scouting cooperators greenhouses in Lancaster, Cumberland, and Northumberland counties. She has developed a special raport with these individuals and a trust for her and this research.

The Lancaster County cooperator, who has been raising tomatoes using hydroponics for 10 years said, "We're trying to get away from using pesticides so I was glad when Cathy called me." However, at the present time her greenhouse has no whiteflies. Cathy believes this is partically due to some of the physical forms of control used.

Once the crop of tomatoes is through producing for the year, the greenhouse is cleaned out. By letting it set empty and allowing it to get as cold as possible, any whiteflies that may be present are eliminated. After that the troughs are sterilized to disinfect them and prevent growth of any possible whiteflies. In addition to these methods of cleaning out the greenhouse, weeds are not allowed to grow surrounding the greenhouse, which eliminates the spread of unwanted insects. "Weeds are a reservoir for insects," says Cathy, "Whiteflies love weeds, plus weeds also harbor viruses that are then transmitted to the crop." In addition these forms of physical control, intake air vents to the greenhouse are screened with a special material that eliminates insects from entering the greenhouse.

In Cumberland County Cathy has been able to see the results of the Encarsia on whiteflies. Her greenhouse operator there claims that last year they were unable to keep up with the whiteflies and were having to spray as often as possible to keep control of them. However, there are not alot of pesticides that can be used on greenhouse tomatoes and insects are building up resistance to pesticides.

When Cathy noticed the first whiteflies in this greenhouse she began biological control. This is accomplished by placing cards containing parasitized whitefly pupae on the infested plants. These cards are hung as close to the infested area as possible. In so doing, the effectiveness of the wasp is increased greatly. The long term goal is to reach a population of Encarsia that is self perpetuating, thereby, eliminating the need for continued introductions of the Encarsia.

In addition, Cathy monitors the whitefly population in the greenhouse by distributing adhesive coated yellow cards throughout to trap the adult whiteflies. These cards indicate spots of heavy infestation and general distribution of the pest. In some cases

(Turn to Page A27)

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Alumni Assoc. Presents PSU Awards

SALLY BAIR

STATE COLLEGE (Centre Co.) — To be credible ambassadors for agriculture, the spring 1990 graduates from Penn State's College of Agriculture were told they must have a contemporary base of knowledge as well as the ability to communicate that knowledge.

Speaking to the 198 graduates of the College, Dr. Blannie E. Bowen, C. Lee Rumberger and Family Professor of Agriculture, stressed the need to communicate with a population in which fewer and fewer people are directly involved with agriculture.

Bowen urged the graduates to gain a wholistic perspective on agriculture, including information on production, processing, distribution and marketing. He told them further that they must make sure products are safe for humans as well as the environment, and he urged them to become cognizant of the social, economic, political and international dimensions of agriculture.

Mary Ann Keith, daughter of Harry and Joan Keith, Entriken, was recognized at the ceremony as the 1990 Outstanding Senior in the College of Agriculture. A dairy and animal science major, Keith's selection was based on academic achievement, leadership in college clubs, recommendations and contributions to the university and community activities. She has served as president of both the Dairy Science Club and Signa Alpha, a professional sorority for women in agriculture. She is a member of the Coaly Society and was Ms. College of Agriculture for 1988-89. She placed first in the annual Guldin Speaking contest and was selected as an "Ag Advocate" for two academic years.

Dr. Edward D. Glass Jr., associate professor of food science, was recognized with the "Excellence in Advising Award," presented by N. Alan Bair, president of the College of Agriculture Alumni Society. It is the fifth year for the CAAS award, and in presenting the plaque and honorium Bair said, "This year's recipient is a model of the care, the concern, the understanding and the dedication that makes the College of Agriculture's unique educational and personal experience."

Bair added, "You who are receiving diplomas today know well that a portion of your success is due to the good counseling from your academic advisor." To Dr. Glass, he said, "Students present and past spoke highly of your personal attention and concern to their academic needs, your genuine interest in their lives and your considerable positive influence on their success."

In his challenge to the students, Bowen said, "Most residents live in urban and suburban areas, and too many people see farmers as dollar chasers who are oblivious to the environment." To be effective agriculturists, we must function in an increasingly urban and suburbanized society, Bower said, and an increasingly diverse society. Acquiring multi-cultural experience becomes important for each graduate in this diverse world.

In our democracy, Bowen noted, "Americans will continue to make political decisions, and must make informed decisions. He noted that there is a difference between issues and problems — problems are to be solved and issues are to be debated. Therefore, graduates must help Americans distinguish between the two so that they can be informed and able to vote in an informed way. Bowen said, "You must help our populace become a bit more wise."

Dr. Ed Glass, center, associate professor of food science, was recognized with the "Excellence in Advising" award, presented by the College of Agriculture Alumni Society. Dr. Lamartine Hood, dean, left, looks on as Glass is congratulated by N. Alan Bair, CAAS president.

Mary Ann Keith was recognized at Penn State's College of Agriculture graduation as the 1990 Outstanding Senior in the College of Agriculture. The award was presented by N. Alan Bair, president of the College of Agriculture Alumni Society, and was based on academic achievement, leadership in college clubs, recommendations and contributions to the university and the community. Keith is the daughter of Harry and Joan Keith, Entriken, in Huntingdon County.

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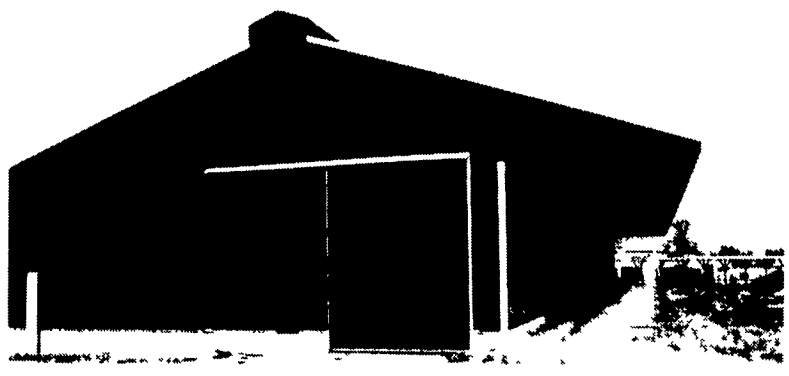

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30 YEARS AGO
THIS WEEK

-Robert Shaubach, Paradise R1 was elected president of the Pequea Valley Future Farmers of America this week.

Other officers elected for the 1960-61 term include Carl Denlinger, Ronks R1, vice president; Norman Hershey, Gordonville R1, secretary; David Lichty, Paradise, treasurer; George Eckman, Kinzers R1, reporter; James Landis, Ronks R1, sentinel and Stanley Denlinger of Ronks R1, chaplain.

Advisor of the group is Henry E. Givler, teacher of vocational agriculture at Pequea Valley High School.

-Miss Carol Lynes of the Lancaster chapter of the American Red Cross gave a talk on water safety at the May 16 meeting of the Conestoga Valley senior 4-H sewing club at the East Lampeter Elementary School.

During the business session, plans were made to send the officers of the club to the 4-H officers training school on June 2. Materials and patterns to be used in the summer program were discussed.

-Society of Farm Women No. 6 at Elizabethtown, along with of the county officers, were the guests of Society No. 16 recently at a meeting on the farm of Mr. and Mrs. Bernard Pownall, Christiana. There were 45 members and guests in attendance.

After the business session, the group saw a film and heard a talk on cancer. Games were conducted by Mrs. Elsie Graham and Mrs. Lillie Quigley while Mrs. Walter Russell, Christiana, furnished music.

-The combined hatch of egg and broiler type chicks in Pennsylvania during April wad down 23 percent from April, 1959, the Pennsylvania Crop Reporting service revealed this week. This was the smallest total April hatch in the Keystone State since 1941.

Broiler type production comprising about 48 percent of the total was down 16 percent from a year earlier while egg type chicks were down 28 percent.

-The Lancaster Junior League and Riding Club announced their plans today for the Lancaster Horse Show set for June 10, 11, and 12. This year's event, the largest in the show's history, features entertainment for the whole family.

-Shirley Clark was elected president of the Lititz community 4-H Sewing Club at a recent meeting at the home of Mrs. Samuel Hevener of Lititz R2.

Other officers elected include Cynthia Bucher, vice president, and Mary Alice Graybill, secretary-treasurer. Miss Clark was also elected representative to the Lancaster County 4-H Council.

Secretary Supports Egg Refrigeration

HARRISBURG (Dauphin Co.) — Agriculture Secretary Boyd E. Wolff announced today that the Department of Agriculture is working with the egg industry and members of the legislature on a proposal that would require refrigeration of eggs from the farm to the consumer.

The legislation, yet to be introduced, would require eggs be kept refrigerated at 45 degrees Fahrenheit or below after they are packed for market. The proposal would also require eggs be kept refrigerated while on display for retail sale.

"Eggs are high in nutritional value, and they should be part of a healthy diet, and proper handling of eggs insures they arrive fresh for our consumers," Wolff said.

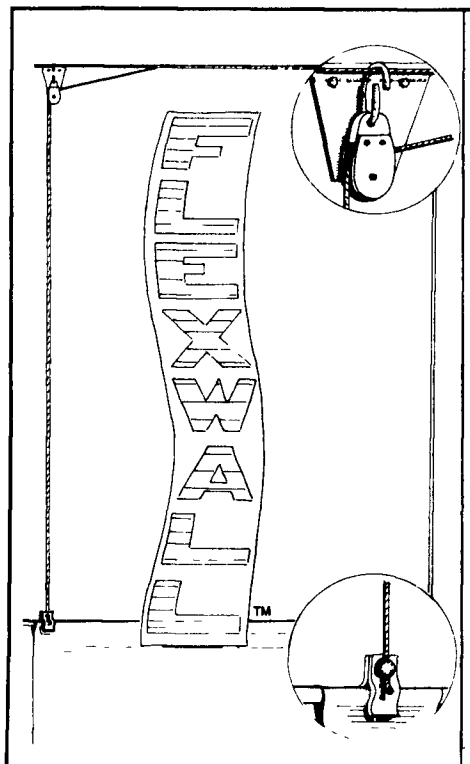
Wolff recently met with egg producers to discuss refrigeration requirements. Much of that discussion centered on recent incidents in which eggs were linked to outbreaks of illness in New York State.

"Reports on the problems in New York State revealed that mishandling of eggs during shipment and food preparation was a major factor," Wolff said.

"Like many other nutritious, healthful foods, eggs should be refrigerated until they are cooked."

The American Egg Board recommends consumers keep eggs refrigerated, and that eggs be cooked thoroughly. The board also advises consumers that cold egg dishes should be kept cold and hot egg dishes should be kept hot.

"For years, we have been telling consumers about proper handling and storage of eggs in the home," Wolff said. "After cooking, eggs are safe, healthful foods, but we think they should be handled properly prior to purchase. The proposal to refrigerate eggs during shipment fills a gap that should be eliminated.



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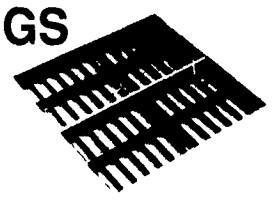

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Contestants Sought For Junior Dairyman Title

HARRISBURG (Dauphin Co.) — Wanted: 200 dairy-smart FFA and 4-H members from Maine to California to compete here September 25 in the fourth annual Junior Dairyman Contest.

The national contest, rated one of USA's toughest, will be held at the Farm Show Complex on the second day of the 1990 Pennsylvania All-American Dairy Show.

"To win," said contest chairman Carl Brown, "FFA and 4-H members must be well versed in dairy management as well as cattle judging."

But that's not all.

The top 10 contestants face one additional hurdle — a five minute interview by three leaders in the dairy industry.

Brown said he recommends FFA and 4-H members brush up on these classes slated for the 1990 Junior Dairyman Contest.

- Selecting replacement heifers. Visual judging as well as evaluating sire and dam information.
- Type traits. Evaluate two cows on 10 traits.
- Meats. Identify 10 cuts of veal and dairy beef.
- Feeds. Identify 20 commonly used feed ingredients and/or their uses.
- Forages. Identify and evaluate 20 forage common to eastern dairy farms.
- Reproductive Management. Identifying everything from AI equipment to female reproductive tract to progesterone test kits.
- Dairy products. Identify products, also indicate nutritional content and manufacturing process.
- Current dairy issues. 20 questions.
- DHI/Management. Questions on herd management using DHI records.
- Farm business. 10 questions on basic farm management.

The 1990 Junior Dairy Show has gained a second corporate sponsor, Brown said. Church and Dwight Co. Inc., of Princeton, N.J. joins Pfizer Agricultural Division of New York City as a co-sponsor.

The Junior Dairyman Contest is one of four events that are expected to draw 1,400 junior showman and judges to the 1990 All-American.

Also scheduled are the Pennsylvania Junior Dairy Show and Invitational Youth Dairy Cattle Judging Contest on Monday, September 24, and the Pennsylvania Dairy Judging forum, Tuesday, September 25.

Additional information and entry blanks for the Junior Dairyman Contest are available from Charles A. Itle, manager, Pennsylvania All-American Dairy Show, Farm Show Complex, 2301 North Cameron St., Harrisburg, PA 17110-9408. Or by calling (717) 787-2905.

Dairymen Allocates $11.3 Million

LOUISVILLE, KY. — Members of Dairymen, Inc., were allocated $11.3 million of equity in the 17-state regional milk marketing cooperative on May 1. This allocation was distributed to 6,097 producer-members located in the mid-Atlantic, Southeast and Midwest regions.

This allocation brings to more than $259 million the total amount of equity distributed to members during the cooperative's 21-year history.

Equity is the net retained margins (patronage dividends) and capital retains invested in the cooperative by the members, and is returned to the members after it has performed the important function of providing the necessary capital to finance the cooperative.

Checks totaling approximately $1.3 million accompanied the notices mailed this week to Dairymen's total membership. This check represents that portion paid in cash at this time. The remaining portion will be returned under the cooperative's revolving equity program.

Dairymen's Association Board of Directors annually reviews the equity redemption schedule and determines the revolving cycle based on present and future needs of capital funds.

This equity allocation to members was made at the rate of 23 cents per hundredweight of milk marketed through Dairymen during fiscal year 1989.

"Our members look upon this current distribution of equity as the final settlement paid to them for the milk they marketed," says Association Board President Ray Moss Tucker. "We are pleased to forward this additional amount to our members."

Dairymen markets approximately 60 percent of its members' milk to processors of milk and dairy products in the East and Southeast United States. The remaining 40 percent is marketed through the cooperative's 20 bottling and manufacturing facilities under several brand name products, including Flav-O-Rich, FarmBest, Rich and Creamy and Ehrler's.

Pest Management

(Continued from Page A24)

these sticky cards are used as a control method for the adult whitefly.

In order for this method of control to be a beneficial part of the IPM program, growers need to scout their greenhouses weekly to check for whiteflies.

As previously mentioned there are several control factors in the IPM program. So far the physical and biological control factors have been discussed. Chemical control used for greenhouse growers involves an insecticial soap that can be sprayed on the plants for insect control. It is important to remember that IPM integrates the various control methods, not just implementing one.

Future Perspectives

While the present research is focusing on greenhyouse tomato growers the research will also be addressing the concerns of poinsettia growers. This project will span a three-year time frame. For further information Cathy Thomas or Alan Michael can be reached at the Dauphin County Cooperative Extension Office, phone (717) 921-8803.

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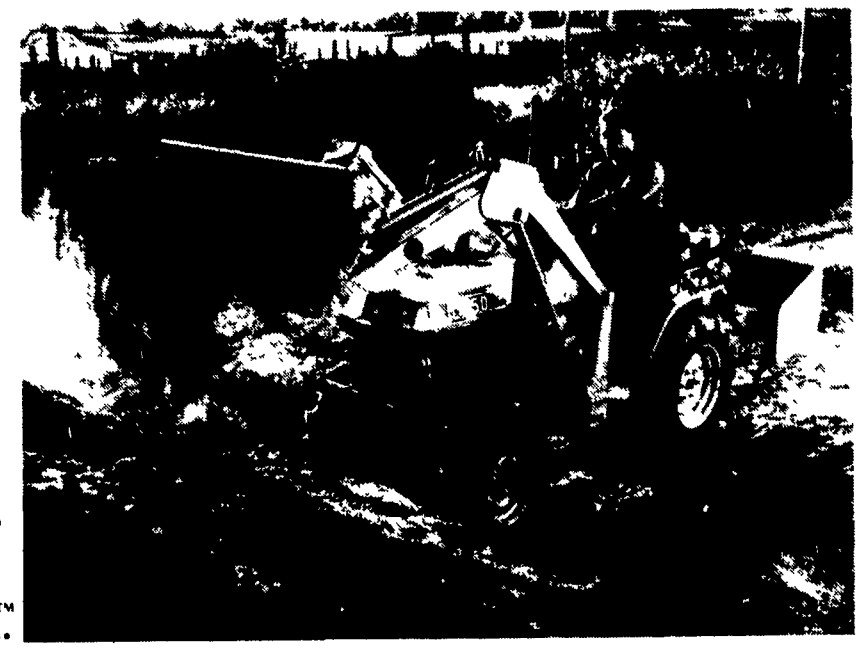

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PFGC Develops Focus For Research, Extension Services

HERSHEY (Dauphin Co.) — The research and education committee of the Pennsylvania Forage and Grassland Council was charged with the responsibility for coordinating meetings of key people in research, education, industry and production to identify forage-related research and extension needs for the state according to Douglas Beegle, chairman. It was felt that PFGC should have a research and education agenda in place so that when funding opportunities in forage and research and extension become available PFGC is prepared to provide input and support for high priority forage work. It has also been proposed that PFGC might directly support research or extention projects that benefit PFGC members.

As a consequence the research and education committee was charged with developing a list of priority areas for PFGC forage research and extension support. To be certain that this priority list is truly representative of the wishes of the membership of PFGC it was decided to conduct a survey of PFGC members and county agents. The committee and the board of directors developed an example list of possible research and extension areas for consideration. THIS LIST IS BY NO MEANS COMPREHENSIVE. It is meant only to get the process underway. We ask you to please add any other areas that you feel should be high on PFGC's priority list and rank these areas on the enclosed survey form and return it.

The survey has been divided into two categories, 1) Extension and 2) Research, so that you can rank the areas independently because you may feel that some areas need more research while other areas have sufficient research information but lack extension education programs to get this information into the field. Examples of extension projects might be the developing and conducting a workshop on some area of forage production or it might be field demonstrations possibly with a field day. Because the intent of this effort is to provide direct benefits to the members of PFGC the research priorities will most likely be applied research on some specific problem that is important to Pennsylvania forage growers.

As a sign of commitment to this concept, the PFGC board of directors has authorized $1000 of immediate funding to support a research or extension project identified to be of high priority by the members.

For this initiative to work it will require the support of the entire membership of PFGC. You can begin to provide this support by returning this short survey of research and education priorities as soon as possible, by May 30 at the latest.

Beegle thanks you for your feedback which is essential for your organization to meet your needs.

PFGC Survey of Forage Extension and Research Priorities for PA

Rate the following areas as to their importance for priority extension and research efforts. Under each topic is an example problem or opportunity, please add any additional specific problems or opportunities. Also, please add any other areas that you feel have been missed but which should receive priority attention and rank those.

Rate each area independently on the following scale:
1= High Priority to 5 = Low Priority

Extension	Research	
☐	☐	Forages and animal health. e.g., Effect of changing forage-type and quality throughout the year on animal health.

Other specific problem or opportunity in this area:

_____

_____

☐	☐	Forage allocation planning. e.g., Optimizing forage use throughout the year.

Other specific problem or opportunity in this area:

_____

_____

☐	☐	Forage management on poorly adapted soils e.g., Management of alfalfa on poorly drained soils

Other specific problem or opportunity in this area:

_____

_____

☐	☐	Forages in relation to waste management e.g., Improved pasture management to avoid pollution from "exercise lots".

Other specific problem or opportunity in this area:

_____

_____

Dairy Board (Continued from Page A1)

Paul A. Rollin, Burrel, Calif.; (region 3) Francis D. Gregerson, Longmont, Colo.; (region 4) James H. Loper Jr., Santa Teresa, N.M.; (region 5) Robert J. Gaebe, New Salem, N.D.; (region 6) Victoria H. Coughlin, Watertown, Wis.; Jerome G. Servais, West Salem, Wis.; (region 7) Tim R. Volk, Battle Creek, Neb.; (region 8) Stephen K. Plenge, Shepherdsville, KY.; (region 9) John O. Spreng Sr., Bucyrus, Ohio; (region 11) Penrose Hallowell, Ottsville, Pa.; and (region 12) Raymond E. Johnson, Schaghticoke, N.Y.

Reappointed is Leo O'Brien Jr., South Burlington, VT., region 13.

The National Dairy Promotion and Research Board, composed of 36 dairy farmers, was established by the Dairy and Tobacco Adjustment Act of 1983 to develop and administer a coordinated program of promotion, research and nutrition education. The board is authorized to design programs to strengthen the dairy industry's position in domestic and foreign markets.

The national program is financed by a mandatory 15-cent per hundred-weight assessment on all milk produced in the contiguous 48 states and marketed commercially by dairy farmers.

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The outlook is good for 1990 as more US grown tobacco is needed for cigarette production both in the US and overseas.

It is our desire to continue to work closely with each of you. We are daily continuing our efforts to build the 609 tobacco demand into a lasting market that will carry into the future. Our company prides itself on a relationship with the farmers based on honesty, integrity and loyalty. If we can be of service to you please feel free to call.

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Mac Bailey 717-768-3074 **Aaron Miller** 804-736-9604 **R.E. Bare** 717-656-9306

Extension **Research**

PFGC Survey of Forage Extension and Research Priorities for PA (Cont'd)

☐ ☐ Forage quality in relation to utilization by the animal
e.g., What is limiting greater forage intake by animals?

Other specific problem or opportunity in this area:

_____
_____

☐ ☐ Forage system management
e.g., Streamline processes and minimize losses between the field and the animals.

Other specific problem or opportunity in this area:

_____
_____

Add other areas below and rate them on the same scale.

☐ ☐ _____

Other specific problem or opportunity in this area:

_____
_____

☐ ☐ _____

Other specific problem or opportunity in this area:

_____
_____

Please add any additional comments you have concerning forage extension and research priorities in Pennsylvania.

_____
_____
_____
_____
_____

Return to: Douglas Beegle
The Pennsylvania State University
119 Tyson Building
University Park, PA 16802

Extension Holds Dairy Meeting For Sales Reps.

INTERCOURSE (Lancaster County)—One of the things we learned from last year's growing season was that you couldn't always balance the ration with the forages that were on the farm," said Jud Heinrichs, Penn State University. Heinrichs was one of the speakers at the breakfast meeting to help dairy representatives. The Lancaster County Extension office sponsored the meeting.

"We may achieve lower levels of milk at higher cost (feed purchases) when the forages are not of good quality," Heinricks said. "In such cases you need to look at net return rather than feed costs.

Heinrichs said forages need to be analyzed but don't always believe the energy values. These values may not be up to book value and may be worse in a drought year. On many farms, the silage did not have high enough levels of soluble carbohydrates to yield good fermentation.

On suggestion for the small operator who cannot keep ahead of spoilage was to swap feed with a neighbor to keep it going. Moldy feed causes feed intake problems, may have reduced bunk life and may be low in energy and digestibility.

Bob Anderson, Lancaster County agent, said some alfalfa stands could be called dandelion patches. He said many stands went down fast last year. The cool damp weather kept the spring diseases going into the second cutting. And machinery broke the crowns in the alfalfa plants. Alfalfa should be plowed after the first cutting if the stand is not good. An annual crop can be planted to add forage acres.

The recommended plant population in alfalfa is 20 plants per square inch the first year; 15 plants the second year and 5 plants the third year.

With the large number of acres of corn planted for silage in the county, Anderson said that in the future varieties may become available for this purpose. In silage you may not want the 200 bu. per acre, but would like some other good quality.

The corn yield in Lancaster County should be higher," Anderson said.

The meeting attended by 35 company representatives was chaired by Glenn Shirk, Lancaster dairy agent.

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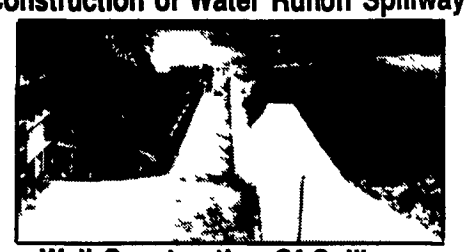
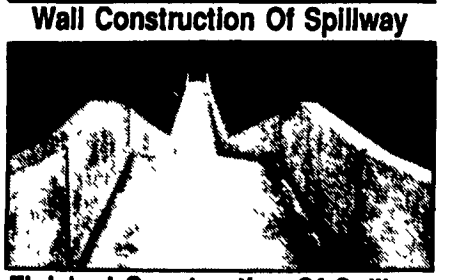


Wall Construction Of Spillway



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Farm Tips For Spring

BY EDWARD J. WOODS
Washington County
Agricultural Agent

Vegetables Need Lots Of Sun

Vegetables don't like being planted near trees, so if at all possible locate your vegetable garden away from trees.

Tree feeder roots which compete for plant food and soil moisture with vegetable roots and shade are reasons why vegetables grow poorly near trees.

The spreading roots from a tree may extend for a considerable distance from its trunk. The tree feeder roots and vegetable roots then compete for water and soil nutrients. The result can be stunted, unproductive vegetables.

Before planting a vegetable garden, see if any tree roots extend into the area. Dig holes 6 to 12 inches deep where you expect to plant the vegetables, and look for roots.

Also remember that as trees grow, their roots spread farther. So a garden that was productive when the trees were small may eventually perform poorly as tree roots reach the garden area.

Even through no roots reach your garden, don't expect vegetables to do well if they're shaded by trees. Full sunlight for at least three-quarters of a day is a must for best growth and yields of vegetables.

Shallow-rooted vegetables such as onions, chives and lettuce may do better than other vegetables in the competition with trees that send out roots that are deep in the soil.

Understand Persistent Weed Problems

Just how persistent do we have to be in order to control weed problems? Well, the answer to this question comes from weed scientists who ran germination tests on weed seeds.

They report that 29% of Johnsongrass seed germinated after being buried for three years; morning glory 74% after five years; pigweed 66% after 40 years and dock 52% after being buried 50 years. They further reported that 51 of 107 species tested still had live seeds after 20 years.

The reason these seeds remain in the soil for such a long period without sprouting is apparently related to environmental conditions. According to weed experts, some seeds need just the right combination of moisture, temperature, and nutrients before they will germinate. This explains why we may suddenly be faced with a weed problem we thought was cured several years ago.

To Give Old Pastures A Boost

Are your pastures worn-out and weedy? Are you thinking about reseeding them?

This could be costly and time consuming. And, if done at this time of the year, there is a greater risk of soil erosion and seeding failure. The best time to seed grasses is in early September.

A cheaper and better alternative might be to lime, fertilize and clip your pastures this spring to build up soil fertility, to reduce weed competition and to encourage the grasses that are already present. With the use of some herbicides you may discover that your pasture is better than you thought, and reseeding may not be necessary.

Remember, you can always no-till additional grasses and legumes into the pastures if desired.

To Consider Footbaths

The use of footbaths can help prevent the spread of foot rot organisms, but it may not help cows that are already infected.

Footbaths can also help toughen up soft hooves. Hooves can become soft when cows are housed in wet-floored, free stall barns or on bedded packs, or when they have been exposed to muddy lots and wet pastures.

Footbaths can be located in exits from cow stables or milking parlors. A footbath solution can be made by mixing 1 pound of copper sulfate in 5 gallon of water. Another alternative is to mix 4-6 ounces of Formalin in 1 gallon of water. A dry footbath preparation can also be made by mixing 5 pounds of copper sulfate powder -- not crystals -- with 100 pounds of hydrated lime.

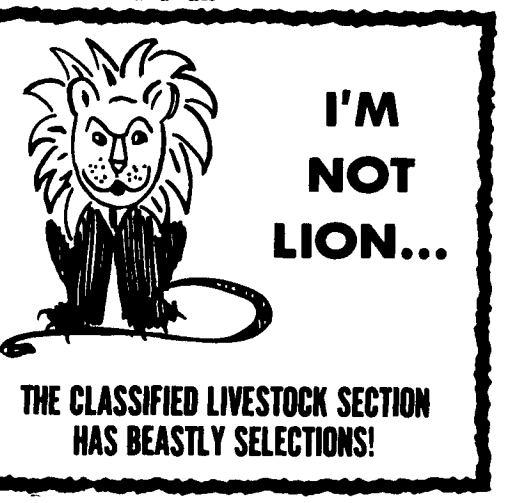
Meeting Examines Tracheal Mite

HONESDALE (Wayne Co.) — A Northeast Pennsylvania Regional Beekeeping Workshop will be held Saturday, June 9, 1990, 10:00 a.m - 3:00 p.m at the Grace Episcopal Church.

Speakers at the workshop will include Mary Ann Tomasko, entomologist, Penn State University and James Steinhower, chief bee inspector, Pennsylvania Department of Agriculture. registration will bc from 9:30 - 10:00 a.m.

The main topic of discussion will be the infestation of bee colonies with tracheal mite. Local beekeepers experienced heavy losses of bees over the winter and the problem is blamed on the presence of tracheal mite. Information will be presented on the life history of the tracheal mite, identification of the problem, and means of control.

The workshop is being sponsored by the Wayne County Beekeepers and the Wayne County Cooperative Extension and all interested persons in the region are invited. There is a registration fee of $2.00 and pre-registration is requested by calling the Wayne County Cooperative Extension, Courthouse, Honesdale.



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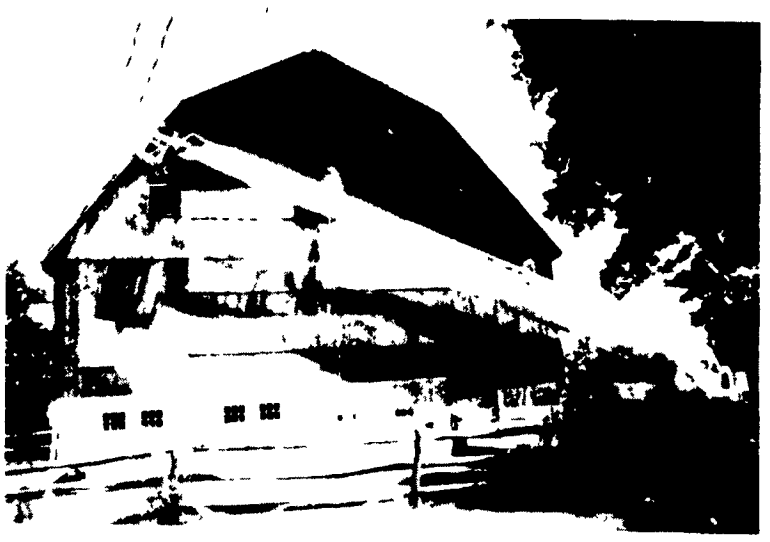

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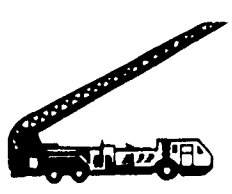

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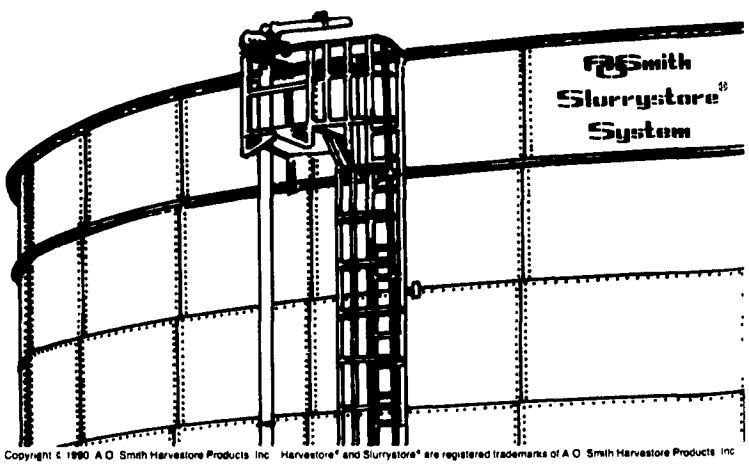

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Ag Students Receive Degrees Of Distinction

NEWARK, DE — Four graduating seniors in the University of Delaware's College of Agricultural Sciences will receive degrees with distinction in their major fields of study.

Michele A. Burk of White Hall, MD; David C. Morneau of Newark, DE; Stephen J. Redcay of Adamstown, PA, and Jennifer L. Sherbourne of Baltimore, MD, will earn degrees of distinction by completing original and independent research in addition to the normal requirements for graduation.

According to R. Dean Shippy, agricultural sciences associate dean for instruction, the degree with distinction program requires completion of a thesis and a research project. The thesis is defended in an oral examination administered by faculty members and a representative from the university committee on student and faculty honors.

"The program gives exceptionally talented and dedicated students the opportunity to pursue their academic interests in greater depth and breadth than is generally required for the bachelor of science degree," said Shippy. "The program also gives a student considering graduate school an excellent opportunity to explore a field of interest."

All four students credit the faculty, whose support and attention was vital in their research efforts. They note the low teacher/student ratios in the college of agricultural sciences as a strength of their undergraduate studies.

Burk, an animal science major, studied cell immunity in chicks. She discovered information that could be used in studies of acquired immune deficiencies in chickens. Burk has an interest in infectious disease work and plans to attend veterinary or graduate school.

A plant science major, Morneau primed asparagus and tomato seeds with seawater instead of standard priming solution, polyethylene glycol, to study the responses of primed seeds to adverse germination conditions including cold temperatures and degrees of salinity. He has applied for a position with the Peace Corps.

Redcay, also a plant science major, sought ways to enhance germination of the seeds of Chionanthus virginicus, a white, French ornamental tree. Because Chionanthus virginicus cannot be produced by cuttings and seed germination takes two winters, the tree usually does not interest professional landscapers. Redcay experimented with techniques to speed up the germination process, to increase the percentages germinated, and to improve the quality of seedlings. He plans to pursue a master's degree.

Sherbourne, who is completing a double major in agricultural economics and animal science, produced an economic analysis of Brazilian government policies on agricultural production in the Amazon. She used information from the Economic Research Service of the U.S. Department of Agriculture in Washington, D.C. Sherbourne will begin studies for a master's degree in agricultural economics at the University of Missouri in the fall.

Pork Fought Inflation In '89

H. LOUIS MOORE
Special to Lancaster Farming

Food Cost Review for 1989 - Prospects for 1990

Sometimes it is best to project the future based on where we have been in the past. The price of food data for 1989 has been released and there is good news and bad news.

Food prices rose more in 1989 than in any year since 1981. Food prices in 1989 averaged 5.8 percent above 1988 when prices were up 4.1 percent. The 1989 increase was due in part to the lingering effects of the 1988 drought, which resulted in reduced carryovers of many commodities in 1989.

However, drought cannot be blamed for all of the increase in food prices. There continues to be concern about inflationary pressure in the overall economy. Inflation, as measured by the Consumer Price Index (CPI), was up 4.8 percent in 1989 compared to a rise of 4.1 percent in 1988 and 3.6 percent in 1987. It is because of the edging up of the inflation rate each year since 1986 that the Federal Reserve is keeping a tight reign on the money supply, thereby keeping interest rates fairly high. This policy tends to keep the economy from overheating.

Beef and veal prices rose 6.4 percent in 1989. The supply of beef dropped 2 percent in 1989 and per capita consumption dropped about 3.5 pounds to 70 pounds per capita. Beef has undergone some major changes in recent years, such as closer fat trim and more boneless cuts. This has undoubtedly stabilized demand and increased consumer willingness to pay higher prices for beef. The average retail price of beef was $2.70 per pound in 1989.

Pork was a genuine inflation fighter in 1989. Retail pork prices averaged only 0.6 percent higher than in 1988. Pork consumption in 1989 dropped slightly, but was quite large because of a 4 pound increase per capita in 1988, when pork production was up 9 percent at 15.6 billion pounds.

Broiler chicken production increased 7 percent in 1989 while turkey production was up about 6 percent. Production of poultry meat increased 63 percent in the 1980-89 period. Despite the continued sharp increase in production in 1989, retail poultry prices averaged 9.9 percent higher than in 1988. Prices for chicken in grocery stores were boosted by major purchases of chicken by fast-food chains. These chains added new poultry items to their menus and promoted them heavily.

When you increase the production of most food items, the price at retail drops. Poultry seems to be able to resist that economic law. We may be tempted to feel that the poultry growth is related to fat and health concerns. But we must remember that there is an economic reason why consumers are eating more poultry. It is cheap compared to other meats. Broilers at retail averaged $.93 per pound in 1989. Beef at $2.70 per pound cost three times as much as poultry. Pork, at $1.83 per pound, was double the cost of poultry.

Despite the increases in meat prices in 1989, consumers spent less of their income on food than ever before. Consumers in 1989 spent 11.6 percent of their disposable income on food, compared to 11.9 percent in 1988 and 17.6 percent in 1960. Disposable personal income increased from $3,478 in 1988 to $3,780 in 1989 and should increase in 1990, too.

The prospects for 1990 include an increase of about 2 percent in beef supplies. The January 1, 1990 cattle inventory was up slightly from a year ago and marked the first increase since 1982. Pork output is expected to drop about 1 percent in 1990. The poultry industry doesn't plan to change its expansionary trend. Broiler output in 1990 should increase 7 percent and turkey production should be up 5 percent. Production of red meats and poultry will set a new record at 63 billion pounds, up nearly 2 billion pounds from the 1989 record.

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Fruit Research Station

(Continued from Page A1)

iology and cytology, especially cold acclimation — the ability of the tree to withstand cold temperatures.

"We bite off just a little bit at a time of these kinds of problems," said Dr. Stephen S. Miller, director of the Appalachian Fruit Research Station. "They're very long-term, high-risk, difficult problems."

Several scientists at the station are looking at ways to study, identify, and breed (either through conventional pollination methods or through genetic engineering) cold-hardy plants. Several cold-hardy plants that have developed over many years at the station include Earliscarlet, a cold-hardy nectarine first studied in 1968 and released to the market in 1985, and Bounty, a cold-hardy peach tree.

Investigations at the station are being conducted on how plants are injured by freezing, the mechanisms of freezing resistance, how trees acclimate to withstand winter conditions, and how winter hardiness is lost in the spring.

Better cold hardiness

"We have developed and released a couple of fruit varieties from the station that have a little bit better cold hardiness," said Miller. "They're not something you could plant in Vermont and expect it to withstand all the cold winters. It's not something that you could plant in Pennsylvania and you'll always escape spring frost. It's not that kind of thing. But it is a little bit better."

According to Miller, scientists at the station are looking at "breeding" cold-hardy plants. "If we can identify a plant out in the field that always seems to escape the spring frost, never has any cold injury from the winter, then maybe that plant, that germplasm, has some very unique characteristics."

The scientists can identify certain genes and, through a long process of cross-breeding, planting, and re-examination, eventually be able to produce some budwood by which fruit trees can be grown. But Miller explained that the process takes many years, using several field and laboratory examination techniques, before budwood can be released to growers.

Under investigation at the station are the methods by which certain plants can withstand freezing temperatures. Cold-hardiness, a method by which plant cells can adapt to or withstand cold temperatures, is being examined with peach tree varieties.

Earliscarlet has been tested and has produced fruit even when January temperatures have fallen to -6 degrees Fahrenheit.

Withstand temperatures

"Most plants can supercool," said Miller. "That means they can withstand temperatures below freezing." A process of "acclimation" and "deacclimation" to cold, a natural process, is the key to understanding cold hardiness.

"We're trying to select those plants out, breed them with plants that have very high quality fruit on them, and hopefully we'll end up with a peach tree or apricot tree or nectarine that is cold-hardy and has a high quality fruit on it," said Miller.

Plant physiologists and research horticulturists at the station use a variety of methods to study cold hardiness. Many of the techniques employ sophisticated electron scanning and other techniques.

"Several years ago," Miller said, "we asked ourselves the question, 'What happens in the spring with regard to the development of the stem that may be related to the susceptibility of peach buds to freeze injury?'"

Into the cell

Investigations led scientists to look deep into the cell itself. Why do ice crystals form within the cell? The scientists examined how water flowed into the cell and how it penetrated the cell walls to form ice crystals that caused the death of the tissue. Scientists now have narrowed the investigation down to a specific area on the cell wall.

"We think that one of the areas in the cells, specifically a layer on the cell wall, has a lot to do with its ability to withstand this ice formation," said Miller.

Dr. Michael Wisniewski, plant physiologist, is investigating the underlying mechanisms of cold hardiness in peach trees, especially on the limbs and trunk of the tree.

"We refer to it as the xylem tissue," said Wisniewski. The xylem tissue is the woody portion of the tree. Features in the cell wall affect its ability to withstand freezing temperatures.

Seasonal basis

"What we're trying to understand is what features of the cell wall affect cold hardiness and how those things change on a seasonal basis," said Wisniewski. "It's a very complex structure." The scientists have been able to discern that a particular portion of the cell wall, the pit membrane, is largely responsible for regulating exactly *when* the xylem cell freezes.

"We have very good indications that the pectin content, a cell wall component, in the pit membrane changes on a seasonal basis, and that affects what temperatures these tissues will freeze at," he said.

Ice can flow through pores in the cell wall and "nucleate" (freeze) the cell. The pectin affects the pore size — so the larger the pore, according to Wisniewski, the easier it is for the ice to move in and freeze the cell..

'We bite off just a little bit at a time of these kinds of problems,' said Dr. Stephen S. Miller, director of the Appalachian Fruit Research Station. 'They're very long-term, high-risk, difficult problems.'

Scientists such as Wisniewski believe that this "seasonal change" gives them a "pretty good handle on understanding

(Turn to Page A33)

Dr. Ralph Scorza, lead scientist who heads the germplasm enhancement unit at Kearneysville, examines petri dishes holding experimental tissue cultured fruit trees.

Dr. Stephen S. Miller, research horticulturist and director of the Appalachian Fruit Research Station in Kearneysville, West Virginia, shows an experimental peach from their breeding program at the facility.

Dr. Ralph Scorza examines the branches of an Earliscarlet nectarine tree. Earliscarlet trees are vigorous and productive, bearing attractive, early-ripening, firm fruit and survive freezes to as low as -6 degrees Fahrenheit.

This late-blooming peach hybrid has much of the fruit blossoms intact. According to Dr. Ralph Scorza, lead scientist who heads the AFRS germplasm enhancement unit at Kearneysville, the peach tree was also bred to develop a greater number of blossoms to ensure a larger amount of fruit despite damaging frost. Plants such as these, after many years of testing, may one day be released to orchard growers.

Fruit Research Station

(Continued from Page A32)

what controls the level of cold hardiness in woody tissues, and at what point it changes. And we need to do more of that kind of work to verify that our hypotheses are correct." Knowledge they obtain about the woody portions of the tree will be applied, later on, to studying the flower buds and how to make them more cold-hardy.

'Natural' approaches

Right now, orchardists are faced with two "natural" approaches to keeping their fruit trees from cold damage. One is intervention methods, including windmills and microsprinklers, and another is to focus on "bud hardiness."

But Wisniewski cautions that, under most conditions, trees will be affected by cold extremes, especially the tree buds. "I don't care what the cold hardiness of the tree is, there's no way you can expect a tree to not receive some severe frost damage if it's going to flower a month early." A short-term approach to alleviating the problem of spring frost is to investigate various intervention methods.

Another method would be to use a process to somehow delay the bloom. There are some methods of keeping the trees dormant for longer periods of time by applying an ethephon coating to the plants in the fall, which delays blooming by two weeks in the spring.

"But that's a double-edged sword," said Wisniewski. "Ethephon has a lot of other effects on trees besides causing it to have bloom delay. If you apply too much of it, you can have a lot of physiological dissorders."

Fruit ripening

Orchardists must also realize that the fruit ripening may be delayed for up to a couple of weeks and must prepare for that. "If we don't have a killing frost in the spring, that means all the other orchardists are getting out their crops two weeks earlier, or three weeks earlier than you. The first with the best makes the most money," he said.

Peach tree hybrid testing puts special emphasis on the genetic factor in crossbreeding. Genes are carefully targeted for certain fruit characteristics, in addition to cold hardiness.

"We're attacking the problem kind of from the 'back side,' you might say," said Miller. "We're trying to find the quality genes and put those into cold-hardy plants."

'If we don't have a killing frost in the spring, that means all the other orchardists are getting out their crops two weeks earlier, or three weeks earlier than you. The first with the best makes the most money.'

Miller indicated that there are a combination of genes that researchers usually seek when developing a variety. There probably are many different genes involved in cold hardiness.

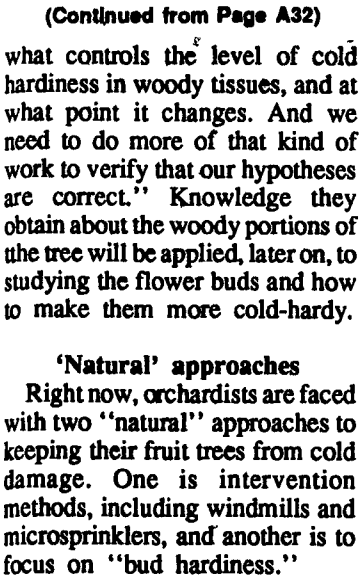
Fruit quality

"Scientists several years ago determined that it would probably be easier to find a gene that was responsible for a particular fruit quality, see if we can actually move that into a cold-hardy plant, and get a fruit that would show this characteristic, let's say, firmness of fruit," he said. More likely, that attribute "is probably the result of many, many genes, not just a single gene."

Conventional breeding techniques, where plants are cross-pollenated, have been used for centuries. These "controlled crosses" are replanted again and again until a more viable hybrid is discovered. This takes time — sometimes as long as 15 to 20 years.

Earliscartlet is a high-quality, cold-hardy nectarine. The nectarine is "a cross of some nectarine germplasm from the East," said Dr. Ralph Scorza, research horticulturist and lead scientist of the germplasm enhancement unit.

"Some cold-hardy nectarines were crossed with some high-quality nectarines from California," said Scorza.



Dr. Michael Wisniewski, plant physiologist at the ARS Appalachian Fruit Research Station, inserts a peach bud sample into a cryotransfer unit for scanning on the electron microscope.

Different sizes of peach trees are under development at the AFRS in Kearneysville, West Virginia.

Dr. Michael Wisniewski examines a peach bud magnified 1,000 times through a scanning electron microscope.

Produced fruit

The plant has been tested and has produced fruit even when January temperatures have fallen to -6 degrees Fahrenheit, according to tests undertaken in Byron, Georgia. The nectarine was under development by Dr. Harold Fogle, of the Beltsville, Maryland ARS, and was released to fruit growers in 1985.

The scientists study several methods of breeding fruit trees for cold hardiness.

"There are several ways you can get around the problem of cold," said Scorza. "Number one, you can have absolute cold hardiness — physiological mechanisms that enable those cells to survive very cold temperatures. We can have mechanisms that make them stay dormant even when normally they would like to go out of dormancy."

One of the mechanisms is "late bloom." Another, according to Scorza, is giving the tree a higher bud density, which will produce more flowers. Even if 80 or 90 percent of the buds are killed by frost, because of the abundance of buds, chances are likely that more fruit will survive until harvest.

'I don't care what the cold hardiness of the tree is, there's no way you can expect a tree to not receive some severe frost damage if it's going to flower a month early.'

Hardiness difficult

"Cold hardiness is difficult, because it's so dependent on a particular year and a particular grower's layout of the land," said Scorza.

In the meantime, the research station is careful about their studies before releasing budwood to growers.

"Once you release it, you want to be pretty sure that you are not going to have a grower put down 5, 10, 20, or 100 acres of it and suddenly it does not do well," said Scorza.

But Scorza emphasized that only a "real test" will tell.

Ultimate test

"That's why I would advise growers that they can get all the information they want about a cultivar, but the ultimate test is putting in the new variety and testing it in your own soil, your microclimate, and your spray practices," he said.

"We work with the orchardists," said Miller. "We try to coordinate our efforts and work through the state experimental station fruit specialist or extension agents. They have the 'first-line' responsibility for the fruit industry. We try to transfer the technology to those people and allow them to transfer it to the orchardists."

Buffalo Bill To Appear At Rodeo

Visitors to this years Dave Martin rodeo will have a chance to witness a peculiar oddity of nature, a thrilling exhibition of man vs. beast, the nastiest ten year old alive, and a national celebrity all rolled into one!

Ten years ago in Ivanhoe, Tx. a knobby kneed, wobbly legged beefalo calf was taking his first steps. His mother was a rambunctious black brahma crossbred cow sired by a full blooded buffalo bull. The little calf was one of a small herd owned by Jackie Gibbs, a professional bull rider. Jackie was toying with the idea of crossing cattle and the American Bison and raising beefalo calves for rodeo stock. Jackie "christened" this particular calf "Buffalo Bill."

On New Year's Eve when the calf was full grown at an indoor bull riding jackpot in Shawnee, Oklahoma Lane Frost 1987's reigning World Champion Bull Rider drew Buffalo Bill for the final go round. When the dust settled, the noise from the crowd was deafening. The spectators were cheering so loudly that it was difficult for the judges to hear the eight second whistle signalling the end of the ride. When the judges decision came in the great Beefalo had been ridden. Lane scored ninety points and won the contest.

Misfortune befell Lane Frost later in his career. He was killed by a bull in a rodeo at the Cheyenne Frontier Days in Wyoming. As of the writing of this release in 1990 the late Lane Frost is the only cowboy to have ever conquered Buffalo Bill.

Bill spent a year in South Carolina and toured the Southeast with Ernie Treadway's Rodeo Co. as a nine year old. From there he was purchased by rodeo promoter Dave Martin of Gettysburg, Pa. to tour the Northeastern U.S.

Martin, along with sponsor Manheim Saddle Cinches 4-H Club are offering a $1,000 bounty to challengers of Bill. They must ride for eight seconds in order to qualify. Would be jockeys can get more information by calling (717) 334-7724, or (717) 398-7486.

"When you come to a rodeo to watch Bill buck, you don't want to blink because he can usually eject his rider within two or three seconds after the chute opens," Martin explained. "There's no doubt about it, he's THE MEANEST BEAST IN THE EAST."

Buffalo Bill will be featured along with the standard rodeo events; Bareback Bronc Riding, Steer Wrestling, Saddle Bronc Riding, Cowgirl's Barrel Racing, Calf Roping, and Bull Riding at the Rodeo at the Buck Tractor Pull, on Memorial Day, May 28. Performances are at 2 p.m. and 7 p.m.

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Keep Your Cows Cool Not Cooked

BY JOHN E. HALL
Extension Agent, Ag Science

Several methods are used on today's farms to reduce heat stress on dairy cows. These methods include providing, 1) clean water readily available, 2) shade, 3) adequate natural or forced ventilation, 4) altered feeding strategies, and 5) sprinkler and fan evaporation cooling.

Most dairymen have incorporated many of their procedures into their summer practices. Many dairymen have tried to provide sufficient shade, many have built roofs or shade over their feed bunks and several have increased the feeding frequency during the summer. Many have also tried to incorporate some type of sprinkler system into their heat stress management. Two areas for using the sprinkler system are in the holding area and over the cows when they are at the feed bunk.

I would like to focus on the sprinkler system at this time because I believe most producers are still doing it wrong. Sprinkling is more effective when combined with air movement. This allows the haircoat to function most efficiently as an evaporative cooling pad. If a light mist or fog is applied continually on the cows, the water forms an insulating blanket that **raises**, rather than lowers, body temperature.

The sprinkler system - DO NOT Mist or Fog:

The object here is to get enough moisture on the cow to penetrate the hair coat and reach the skin. Again, if the moisture does not penetrate the haircoat, water forms an insulating moisture blanket that **raises**, rather than lowers, body temperature. Water pressure and nozzle selection are keys to applying water.

Spray Nozzles:

Two types have been used in current research . . .

A) Solid-cone, low pressure agricultural spray nozzles (0.0625 in. orifice diameter) rated at 0.6 gal/min at 10 psi mounted 4-5 ft. above the cows approximately 5.6' apart (avoid spraying on feed in bunk) have been used effectively.

B) Low pressure, 180 deg. plastic spray nozzle with 0.22" diameter orifice can also be used. At 10 psi pressure the nozzles have an 8' spray radius. Thus, nozzles should be placed approximately 8' apart. With each nozzle, it appears from the literature that a low pressure system with a larger nozzle is preferred. This means incorporating a **pressure reducing valve** into the system. I would also suggest some type of filter system to avoid clogging the nozzles.

Air Movement

Sprinkling is more effective when combined with air movement. This allows the haircoat to function most efficiently as a evaporative cooling pad.

An air velocity of about 400 to 600 feet per minute over the cows is recommended from Florida studies. At least one 36-inch fan for each 40 cows is needed to provide this velocity. More fans may be required in areas where cows are grouped closely, such as holding area.

Each fan should provide 11,000 cubic feet per minute of air flow when it is operating in free air. A fan of this type will move air effectively for a distance of about 10 fan diameters or 30 feet. This arrangement suggests this type of fan be hung every 16' when used near the feed bunk and tilted slightly downward to direct the air onto the cows.

This no doubt seems excessive; however, we must remember that the humidity on the Delmarva Peninsula reaches near saturation many days. Thus, we must increase the volume of air over the cows to effectively evaporate the moisture.

Other studies have been completed in Kentucky using smaller 18 in. diameter fans connected to a polyethylene tube 18' long. Holes were cut in the tubes to force air directly onto the cows. This system provided air flow to reach velocities of 208 ft./minute over the cows.

As you read other articles about this subject, you will see that the air velocity recommended will range from 200 to 600 ft. minute. Be sure to read where the research was completed and what the average relative humidity during the test was. Again, I repeat, as humidity increases, velocity must increase accordingly to effectively evaporate this moisture.

The Key - Alternative

The key to this type of system is altering water with air. Get them wet then blow them dry. This is the key point that we have overlooked here on Delmarva. It appears a cycle of about 1 part water to 5 parts air is most widely used.

In the studies that I reviewed, it appears that the water to air cycle can range from 1 min. water to 5 min. air up to 1½ min. water to 13.5 min. air.

Two key points when setting your cycle are: 1) How much time does it take the cows to get wet to the skin?; 2)How much time does it take the fans to blow them dry?

The Controller:

To effectively operate this system of water/air in this intermittent fashion, you need to incorporate 1) solenoid valve, 2) thermostat, and, 3) a timer.

Control boards are currently being used to cool hog and poultry barns. Some units come complete ($375.00) and others can be prepared by attaching the individual components on a board ($125.00).

It appears that these units should be set to operate when the temperature reaches 78-80 deg. F. Timing the water flow in this fashion also has the added advantage of reducing the amount of water that flows into the manure system during use.

In conclusion, producers must decide if they are going to use water cooling or evaporative cooling. Evaporative cooling is the only method shown to be effective. However, evaporative cooling means applying water and air in an intermittent fashion. Get them wet to the skin, then dry them off. Thus, to properly set this system up, select the proper nozzle, place them to reach all animals, incorporate the correct pressure and use a filter system. Fans then need to be placed to blow air at 200 to 600 ft./minute over the cows. The key to the system is a controller that includes a solenoid valve, thermostat and timer. For more information, call the Extension Office at 778-1661 or 758-1107.

Clinton Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

March, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Ronald H Meyer	B3	111.8	88.9	19,916	751
Paul L Courter	3	71.1	87.2	19,886	731
Blair&Elaine Courter	3	71.2	88.0	19,367	698
Richard L Schenck	3	123.9	86.0	18,468	690
Robert Billman	B3	32.4	86.9	17,796	677
Jacqueline Seyler	B3	44.2	89.2	17,784	652

Lactation Report

Ronald H Meyer #108	305	20,233	857

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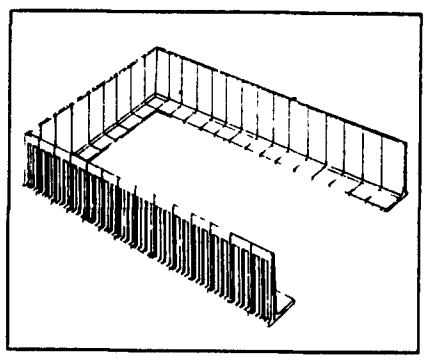

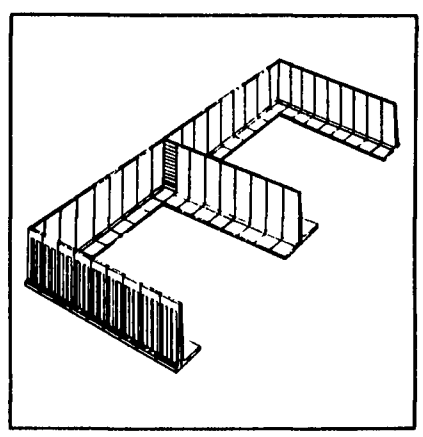

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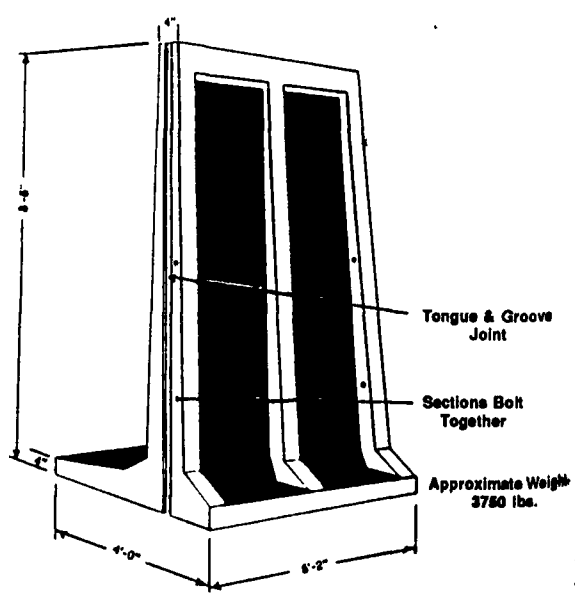

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Livestock Notes

Cache Valley Virus In Maryland Sheep

During December 1989 and January 1990 three sheep flock owners in central Maryland observed lambs born with congenital birth abnormalities of the musculoskeletal and central nervous systems. The defects were fatal to the lambs in all cases. Ewes that lambed earlier or later in the year did not have affected lambs. The cause of the deformities and deaths has been tentatively diagnosed as Cache Valley Virus (CVV).

CVV is an arthropod-borne virus, belonging to the genus *Bunyavirus*. It is transmitted primarily by mosquitos. Serologic data indicates that CVV is the most widespread Bunyavirus in North America, and that it is capable of replicating in a number of mammals, including both wild and domestic ruminants, horses, dogs, pigs, and humans. In Maryland, serologic evidence of widespread exposure to CVV in cattle, horses, goats, sheep, pigs, and humans was established from a survey conducted between 1961 and 1964. Prevalence of antibodies to CVV was highest in residents of coastal areas. A subsequent survey, in 1964 and 1965, indicated that cattle resident in coastal Maryland and Virginia were natural hosts for CVV.

An epizootic of abortions, weak lambs, stillbirths, and congenital arthrogryposis-hydranencephaly (AGH) occurred in two adjacent flocks at San Angelo, TX in January-February, 1987. The typical appearance of the AGH affected lambs included poor muscular development, particularly of the limbs and rib cage, scoliosis, cerebellar hypoplasia, micromyelia, hydranencephaly, arthrogryposis, and brachygnathia. Many AGH lambs were too weak at birth to maintain vital functions and died quickly. A tentative diagnosis of CVV as the causative agent in this outbreak was based on serology. Attempts to recover virus from diseased animals were not successful.

The initial report in Maryland of an unusual incidence of congenital abnormalities in lambs was from a flock in Baltimore County. Eight dead lambs were submitted for necropsy to the Frederick animal diagnostic lab. These lambs had deformities similar to those described in the AGH outbreak in Texas. A differential diagnosis for the cause of AGH included Akabine virus, border disease virus (BDV), bluetongue virus (BTV), CVV, mineral toxicity, poisonous plant toxicity, and spider syndrome (hereditary chondrodysplasia). Since precolostral serum samples from affected lambs were not available, serum samples from affected ewes, a ram, and unaffected ewes were collected and sent to the NVSL at Ames, IA for serologic tests. All samples were negative for Akabane virus, BDV, and BTV. All affected ewes (7/7) and the ram had measurable antibody titers to CVV. Two of seven unaffected ewes also had positive CVV titers. Circumstantial or definitive evidence for non-viral causes of AGH in this flock could not be established. A tentative diagnosis of AGH due to CVV was made on the basis of serology, gross necropsy findings, and history.

During the investigation of the cause of AGH on the Baltimore County farm, two flocks in Carroll County were found to have experienced similar problems. Each of the three farms noticed deformed lambs only from lambings that occurred over a certain 2-4 week interval. The specific dates varied slightly from farm to farm. During this interval, most (78-90 percent) of the ewes delivered normal lambs (single or multiple births), others had only deformed lambs (single or multiple), and a few had one of each. There was no obvious age of ewe or breed predilection. Dystocias associated with deformed lambs occurred on 2 of 3 farms. None of the owners could remember any previous medical problems in the affected ewes.

Serum was collected from an equal number of affected and unaffected ewes on the two farms in Carroll County. No deformed lambs for necropsy were available. Serum samples were tested for CVV antibody by Drs. S.I. Chung and E.C. Collisson at the College of Veterinary Medicine, Texas A&M, two researchers who have been involved in studies of CVV since the early 1980s. Again, all affected ewes had antibodies to CVV. Most of the unaffected ewes also had CVV specific antibody. Still, the serologic results and history from each farm strongly suggest CVV as the most probable cause of the deformities.

The pathogenesis of CVV in sheep has not been fully studied. Bunyaviruses do not persist generally in the host, and, therefore are difficult to isolate and study. Most likely, virus infection affecting fetal development occurs early in gestation (before day 50). Fetuses exposed to CVV later in gestation may be able to mount their own immune response and not be adversely affected.

Although the primary effect of CVV on pregnant ewes appears to be the development of deformed lambs, other effects such as early embryonic death, infertility, and abortion may occur. Accordingly, the total economic impact of CVV on the sheep industry could be considerable, although it remains to be evaluated. For the three flock owners in Maryland that experienced outbreaks of AGH, the impact certainly was significant. The fact the CVV is endemic in Maryland and has a wide mammalian host range suggests the need to investigate similar reproductive problems in cattle, horses, and people.

Salmonella Incidence Low In Beef

The Salmonella family of bacterial organisms are the leading cause of food-borne illness in the United States.

Because of the high incidence of Salmonella and a 4 percent mortality rate associated with a Salmonellosis, considerable attention has been paid to the incidence within specific foodstuffs. Salmonella is of special health significance to infants, the elderly, and individuals with immune system deficiencies. These groups have a much higher mortality rate than the 0.2 percent which is reported for healthy adults.

The USDA Food Safety and Inspection Service (FSIS) has recently completed a two-year study on the incidence of Salmonella in raw and ground beef in processing plants. This study showed the incidence of Salmonella contamination in beef was 1.8 percent.

This can be compared to the high rates of 35 percent or more of Salmonella contamination which have been reported for poultry carcasses. Rates of up to 12 percent have been reported for pork. The low incidence of Salmonella contamination further illustrates the relative safety of red meats.

If recommended food handling and cooking procedures are employed in the home and at food retail establishments, we can effectively eliminate cases of Salmonellosis associated with red meats.

Blood Meal And Feather Meal As Escape Proteins

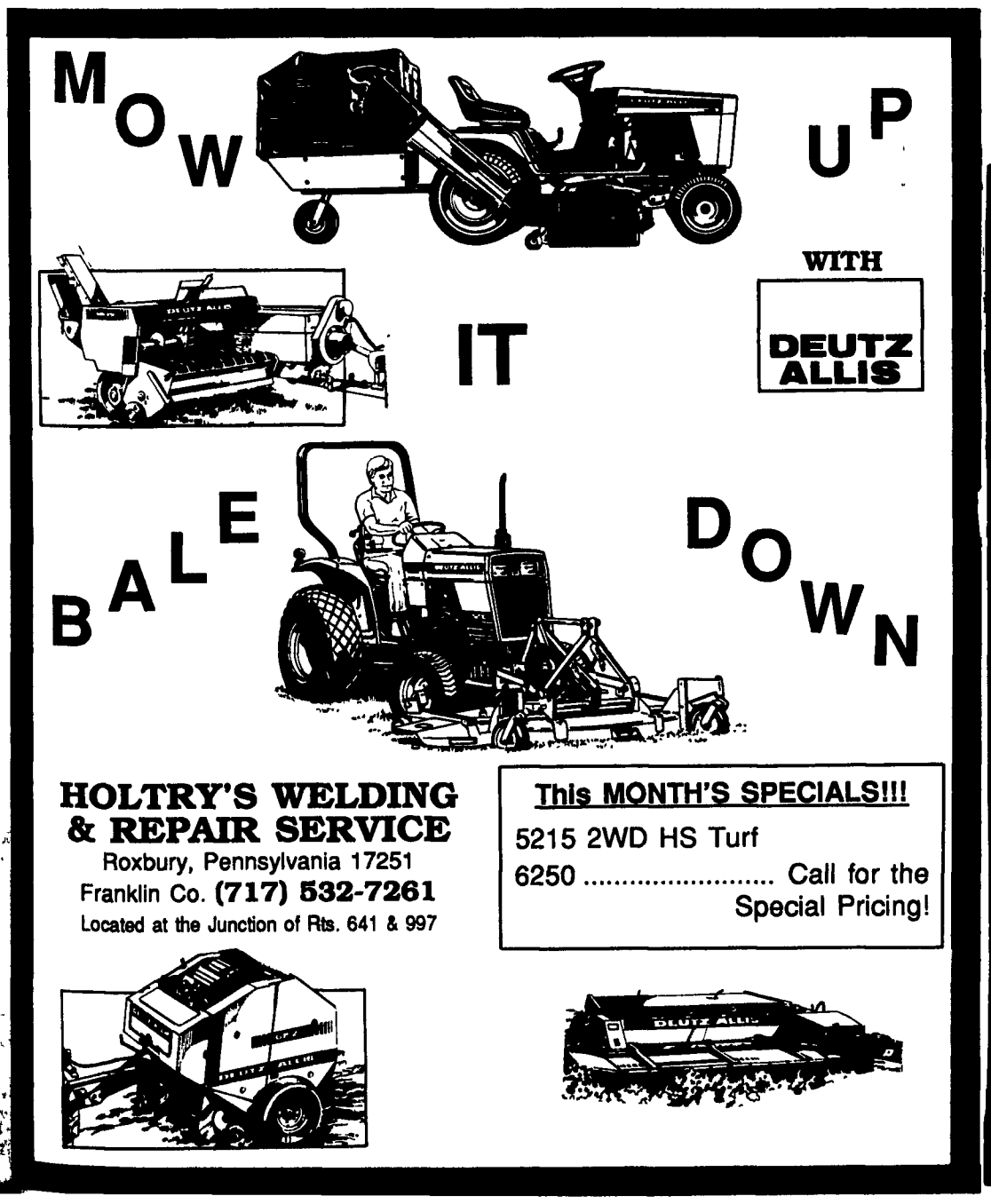
A recent report from the University of Nebraska has shown the relative efficiency of two "escape" or "bypass" proteins, blood meal and feather meal, in diets for growing beef calves.

The term "escape" refers to the ability of the protein to escape digestion in the rumen and be absorbed directly in the lower intestine. This will generally result in more efficient use of a protein than if it is digested by the rumen bacteria and absorbed as bacterial protein.

Sheep Shearing Season

For those who do not shear prior to lambing, the shearing season is just around the corner. In preparation, there are a few tips to follow:

1. Do not feed over the backs of sheep-keep feed-stuffs out of the wool.
2. Provide a clean, level area for shearing.
3. Shear black-faced and colored sheep last and keep this wool separate. Black fibers cannot be removed and decreases the value of the wool.
4. Keep manure tags, burrs, etc. separate from good wool.
5. Fleeces should be tied with paper twine. Do not use baling twine, plastic string, wire, etc.
6. If you will have over 20 fleeces, they can be put in a wool bag.
7. For smaller flocks, wool can be kept in open plastic garbage bags.
8. Under no circumstances should wool be placed in plastic feed sacks. The plastic fibers from these bags are impossible to separate.



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Livestock Auctions Are Living History

(Continued from Page A1)

of the farm community. But the auctions, once busy and alive with mouth-to-ear whispering and matter-of-fact talking and dealing and bargaining, for the most part, are but vestiges of what had once been the central foundation of livelihood for many rural Pennsylvanians.

Plain People Key To Survival

In Lancaster County and some other areas in the state, the plain people are providing a strong support of local auctions, Zimmerman said. He even went as far to say that, were it not for communities of plain people in some areas, some of the auction houses couldn't exist.

"I'm sure if something happened to move the bulk of the Amish population out of Lancaster County, you'd see a big differnece in all these auctions," Zimmerman said.

He said there are others too, for whom livestock auctions remain a way of life.

"Part of it is the kind of people who market livestock this way. There's a certain loyalty, a certain way of doing things, certain people who have become accustomed to doing things in this fashion and they probably wouldn't change their way of doing things as long as sales like this exist," Zimmerman said.

Zimmerman said that while Lancaster County auctions are doing well, about a dozen or so auctions across the state could be classified as doing "fair" business. "They're kind of holding their own, but they're all not as big as they used to be several years ago."

Zimmerman, in his capacity with the state, has been grading livestock for 28 years and attending sales auctions around the state for even longer.

He tells of dramatic changes at small livestock sales auctions across the state that portend an end of an era in American culture.

On Tuesday, he and Richard McDonald Jr., also a livestock grader with 25 years with the state, told of days gone by.

Their story of auction heydays and the current situation is similar to those of the family farm. The true, one-family farm are in minority. The majority of farming operations today are businesses, many a colaboration among family members, but not necessarily.

And like almost all farms today, should any of Pennsylvania's livestock auction businesses fold, there is little likelihood that they would be replaced, he said.

Zimmerman, 59, from Perry County, said when he started working there were six graders employeed by the state to grade livestock at the 50 or so livestock auctions around the state.

That number of graders grew to eight over time, but improved transportation, cutbacks in state funding, and a diminished reliance on local auctions as a place to market livestock has changed the picture.

Now there are only five graders working about 30 livestock auctions in the state. And no help in sight.

On Tuesday evening, Zimmerman was helping to grade calves at Vintage Livestock Auction. Normally on a Tuesday evening, Zimmerman can be found at Lebanon Valley Livestock Auction. However, because of the start-up of vacation season, he had to change plans.

A handful of men, who seemed to know each other, were spaced out in comfort among a mostly empty sales ring. At least one smoked a cigar. One wore a cowboy hat.

A couple of Amish boys were sweeping or milling around in the wings. Steers were paraded through for the small group.

It seemed a skeleton of what Zimmerman described in years past.

"Most of your auction sales today, if you go back the length of time we've been working in this kind of work, You'd have a lot less people in the seats than you had back when we started," Zimmermand said.

"You have a lot less buyers today for all species of livestock. There's fewer packers around, therefore there are fewer buyers.

"There are fewer of the small butchers. Back 25, 30 years ago, you had a lot of small butchers throughout Pennsylvania who would come to these sales and buy anywhere from a couple of head to maybe six to 10, something like this. There's very few of them today compared to what there were 30 years ago," he said.

"And they would help put the market up. There's a certain kind of animal that they're looking for, whatever it might be, and they're going to pay whatever they have to, to get that animal. So they pushed things up a little bit.

"They had their local clientele and they wanted a certain thing and that's what they were buying . . . that was a repeat business. The same people time after time. And they were trying to match that for those people," Zimmerman said.

According to McDonald, a major reason for the change in local livestock auctions is the change in other aspects of meat production.

"Twenty-five years ago Pennsylvania had more slaugther houses than any other state in the union, and it made a very good market for that very basic reason.

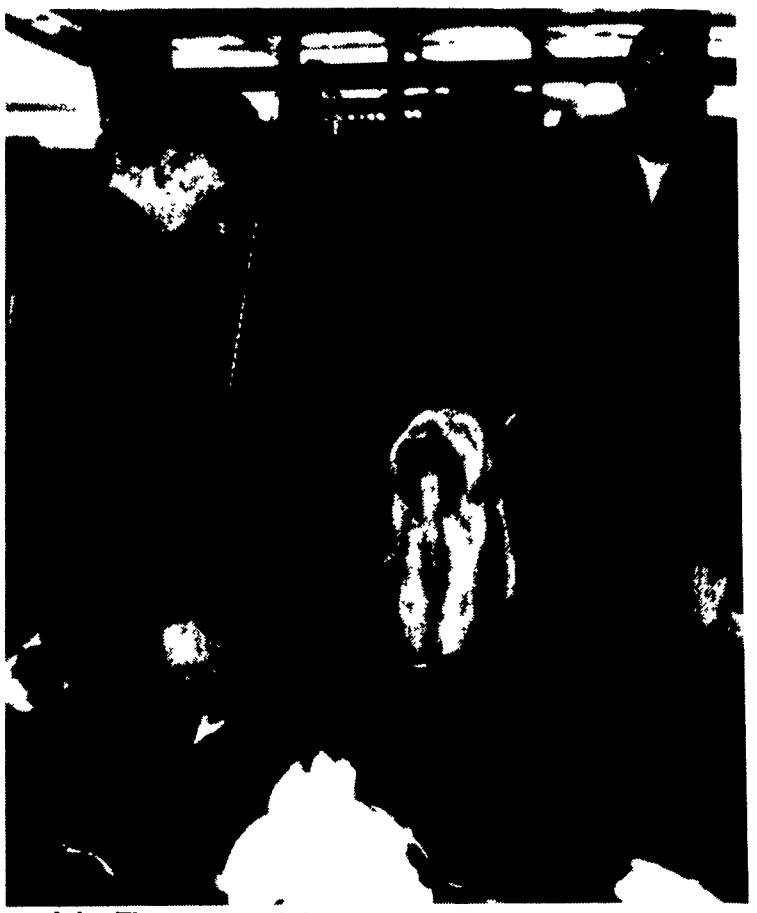
"Like York County had something like 35 or 40 slaughter houses," he said, adding that the number has dwindled significantly to, "Probably one or two now."

"That's a dramatic change," Zimmerman said. "Especially when you realize that, on a national basis, right now, two or three major packers kill somewhere in the neighborhood of 65 to 75 percent of all the cattle in the country.

"It's approaching 90 percent (of that 75 percent) for two of them," McDonald added.

Basically, the two agreed, the companies have a monopoly on meat prices.

"Today everything moves to the big scale, along with this they can provide services and so forth that the smaller ones (meat packers)



John Zimmerman, left, looks over a Holstein calf at Vintage Livestock Auction, while Richard McDonald marks the calves according to grade. Both men have more than 50 years experience combined in grading livestock for local auctions and have seen many changes in the rural market place.

can't," Zimmerman said. "And in the meat business, like everything else, in all firms today, the little guy keeps getting bought out by the big guy," he said.

Although the meat packing business isn't described as a typical arena for hostile take-overs, "it's a case where a firm, who, for instance, has been in the (meat) business for a long time, (then) a bigger operation — and usually it's a firm whose original business wasn't meat at all, but they've spread out into other areas — they buy the (smaller) firm out. Then (the big operation) keep the same people on board to manage it and run it for them. But they (the smaller business) are a part of a bigger operation instead of what they were before.

And, as Zimmerman describes it, the larger firm may have "two, three or more packing firms under their wing to go under their corporate management. It makes them bigger than the others (as separate entities) were before."

The number of livestock auctions has been cut almost in half, according to Zimmerman. "But then the sales aren't nearly as big as they used to be either. They're still in operation, but they're not nearly as big as they once were.

"Your whole hog marketing system across the state is rapidly going away from the auctions into direct marketing (contract production). Most of the sales barns are down from five to 10 years ago, considerably," he said.

"And there's one main packer buying hogs in Pennsylvania today, whereas 25 years ago, Swift, Armour, all those guys were all here in Pennsylvania," Zimmerman said. "Some of those guys aren't even in the hog killing business anymore."

The possibility of livestock auctions eventually being completely eliminated from the marketing scene is a possibility, but not probable, as long as certain people remain in livestock production, Zimmerman said.

He said contract production, which many producers have switched to, isn't a good alternative for some producers.

"I think they (types of livestock marketing) all have their place and I think you find a percentage of people who would go into those (foward pricing, contracting to packers . . .), the problems is when one takes over from another and eliminates one," Zimmerman said.

"You need them all to keep enough of competition to get the job done. Buying stations for the last five years have come on real strong . . . but I'm sure if several years down the road, if everybody went to buying stations, you'd have a set price. Everybody would get the same price regardless," he said.

"You eliminate enough competition, you make this happen."

Better Highways, Brings Good-by To Ways

Zimmerman said other aspects of change have effected change in the use of livestock auctions.

"Today, with the transportation routes that we have . . . a lot of these sales that used to be spread

(Turn to Page A37)

Livestock Graders Need College Degree

VERNON ACHENBACH, JR.
Lancaster Farming Staff

There are many job opportunities in agriculture, but a government job grading livestock for a living is probably not one of them.

The demand for state or federal livestock graders is somewhere on a level with the demand for federal trappers — they exist, but not in any great number, according to a man who, for 28 years has made his living grading livestock in Pennsylvania.

However, the jobs do exist, and may continue to exist in the future, but a four-year college education in agriculture is the only way to have a chance at getting one of the few jobs available.

John Zimmerman, director of the livestock division of the state Department of Agriculture, has been grading livestock for public auction for most of his career. He's one of five currently employed by the state.

His prognosis for the longevity of the position is not good, however. And, if such jobs do continue to exist, Zimmerman said limited funds and possibly more cutbacks on the number of positions available make competition extremely tough for youth seeking a similar career.

"The way things are headed at the present time, probably by the time they got through with (education and qualifications), there wouldn't be a position there for them," Zimmermand said. "In all seriousness."

Zimmerman said there is some hope for those set on vying for such a job.

"It is a limited work area, because the only people who do this are state and federal people. And most states are under similar circumstances as we are, they don't have nearly as many people involved.

"But someone who was interested, the present criteria - it's a civil service position - calls for a college education or equivalent experience. And to get the experience, you pretty much have to be working in something like this.

"So the college degree is kind of imporatant from that standpoint. And this can be in animal science or some field of agriculture that's related," he said.

"Most of the people who have worked for us have graduated from college, not all Penn State, but from others too," Zimmerman said.

"What it really takes is an interest," he said and recommended that youth who are interested get involved with "4-H, FFA judging, this sort of thing. It takes a little while to pick it up, but it's not something that's that extremely difficult. What it really takes is constant working with it and practice, to keep it tuned."

Students entering college should also be on the lookout for work-study programs that - while limited due to year-to-year changes in state and federal educational and agricultural funding allocations - can provide necessary experience.

"We have a fellow coming on with us this summer from the summer college internship program that the state has," he said.

"This is limited too. Because of funds and so forth, the program's available, but you can't automatically get on it," Zimmerman said. "We applied for it two times. Some years ago, for three years running, we were on this. Then for the last number of years it hasn't been available to us.

"Now it started up again and we applied two times, and we didn't get it the first time, now we have a gentlemen coming on this summer, from June through August. It's a good source of experience, if it's available," he said.

But, as he said, getting the experience and the education is no guarantee that a job will be waiting at the end.

"Last time we had it a number of years ago, we had a fellow who turned out to be real good in a short period of time. He was just a natural," Zimmerman recalled. "He just took to that thing and he was real interested in it and we had hoped at that time that maybe when he finally got out of school we would be able to offer him a job. It didn't work out that way."

To the best of his knowledge, Zimmerman said the man is now running a grocery store.

The future may hold some part time opportunities, however, Zimmermand said.

"Now states like Virginia, for instance, have more people because they grade a lot more, especially feeder cattle down there spring and fall, and they have a little different program than we have.

"They use part-time people rather than full-time people, especially in sales like this (calf sale)," Zimmerman said. "They use someone in the local area. We've been trying to work toward a similar program, but it's a ways down the road yet."

Livestock Auctions Are Living History

(Continued from Page A36)

out say 25 to 45 or so miles apart along a certain area, today you can get in a truck and be from one end to another in the same time. So this makes a difference," Zimmerman said.

A combination of other factors has made a difference in how individual operations market their livestock.

Zimmerman said that although tradition does play a major role in how some farmers do business, "Then you have others who get into bigger volumes and so forth and it depends also on how you're set up and your type operation.

"If you're set up so that you can handle most of this (hauling and raising) by yourself, you're probably going to continue most of the time to use a (sales auction) like this to market your livestock," he said.

"But if you're into a feed company oepration and things of this nature, then you're starting to get limitations on what you can do and how you can do it.

"Whether this is good or bad depends on the situations and so forth," Zimmermand said.

He also said that high land values, the declining number of farmers and the increased financial risk also are having an effect on how livestock is being marketed.

Hard Work Is Keeping Auctions Alive

But, in addition to the patronage of certain factions of livestock producers and livestock buyers, the real hope for industry survival of auctions probably lies with the auction owners, Zimmerman said.

"The main emphasis on auction sales today, which is prevalent here in Lancaster County and has kept these sales going, is the working ability of the people who own the sale.

"It's a seven or six day-a-week job. You just don't wait until sale day to open the doors," he said. "You're out there working with the population, making contacts and trying to get people in. Sales that don't do this are going by the wayside.

"If they just open their doors on sale day, they have a problem," Zimmerman said.

In general, both men have seen changes in other aspects of livestock marketing also.

McDonald said there's been a noticable difference in the kinds and number of hogs.

"They're killing twice as many hogs as they did 25 years ago, but producing half the amount of lard, which shows that hogs are leaner by a large degree," McDonald said.

For the most part, livestock grading stays the same, according to the two men.

"The standards we work on, in this or any kind of livestock is the same all the time, in what you're looking for," Zimmerman said.

"And if the animal is there to meet that criteria, he gets marked that way, if he's not, you don't mark it. In other words, you don't take the criteria and try to fit something in there. Whatever it (the grade) calls for, if the animal isn't there to fit that, then you don't have any this time around. That's the same with pigs or any other animal.

For calves, Zimmerman said, "There are certain pens and certain weight ranges; one week you may have two, three full pens, the next week you might not have one full pen. It just depends on how the calves run."

But a change in demand for types of calves has also changed, to a degree, not how the men do their grading, but how they group them.

"We're starting a new pen tonight, because there's been a tremendous demand for bull calves," McDonald said.

"The 70 pound bull calves, the better ones," McDonald said. "they've just been sending to kill. Tonight we're separating them with the idea that maybe somebody wants to buy them to take back to raise, you see. So we might only get six or eight of them, but if it means a few more dollars for the producer, we're anxious that they get this."

"We first started grading veal calves in the 1960's," Zimmerman said, "it was in the western part of the state and it was predominately for slaughter and it was strictly grade, per se.

"When we started a number of years back, the demand for Holstein bull calves had already started and we kind of set up with that in mind. Now all of our veal calf operations are geared that way.

"We changed because the animal and the demand changed," he said. "The heifers for instance, are shipped to the South as potential herd replacements in dairy herds. The bulls either go into some stall feeding or some type of feeding operation," he said.

"That was up until a year or two ago, now a number of these calves also go back into a feeding operation to be fed out as Holstein steers.

"A lot of these lighter weight calves, because they're cheaper, are going into those (steer) kind of operations, because the people in that business can't afford to push the veal finisher to the highest price. So they're taking a lighter calf at lower price to finsih out, but there's been quite a demand for that in the last couple of years," he said.

Auctions Aren't Alone

Men and women like Zimmerman and McDonald, who can talk of auctions and influences and know the histories and influences of livestock markets are rapidly disapearing too.

Along with the disapearing livestock auctions, state livestock graders and personnel are also fading in number and farm life prominence.

"Since 1976, we started going the other way, and now there's five of us left. And over the last five, six, seven years, somewhere in there, like most of state government, and all things of this nature, maybe because of budget and all these kinds of things, when we lose personnel — most of the time lately it's been through people who have retired — they're not replaced," Zimmerman said.

Plans Set For Cecil Co. 4-H

ELKTON, MD — Plans are now complete for the 1990 Cecil County 4-H Breeders' Fair. This year's event will be held on Saturday, June 2, 1990 at the Cecil County Fairgrounds located in Fair Hill, Maryland.

This year's events include: 4-H Dairy Cattle Show at 9 a.m.; Beef Cattle Show at 9:30 a.m. Open Western Horse Show - 8 a.m.; Swine Show - 9 a.m.; Sheep Show - 10 a.m.; Rabbit Show - 9 a.m. and Dog Show - 9 a.m.

The Breeders' Fair participation is limited to 4-H'ers only (except for the Horse Show) and is open to Cecil, Kent, Harford, Queen Anne's counties in Maryland; New Castle County in Delaware, and Chester County in Pennsylvania. Deadline for entries for this fair is May 18 and proper health and interstate health papers must be available at the show. Post entries may be made for the Open Western Horse Show on show day.

The public is cordially invited to come and observe these gifted 4-H'ers at work. For more information, please contact Cecil County Extension Office at 301-398-0200, Ext. 181 or 301-658-4041, Ext. 181.

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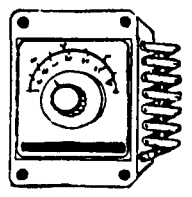

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A bevy of Berks County beauties graced the dairy princess pageant last Saturday night. Front row, from left: Kristin Gross, Rachael Hartman, Vickie Kletter, Kate Kocher, Holly Moyer, and Rosie Mo. Second row, from left: Pamela Werley and Jill Neiman. Back row, from left: Elizabeth Heruochon, Suzann Moyer, Charlene Plushanski, and Anna Mitchell.

Berks County Selects Princess And Li'l Miss

VAL VAN TASSEL
Berks Co. Correspondant

LEESPORT (Berks Co.) — Suzann Moyer jogged her way to the title of Berks County Dairy Princess last Saturday evening at the Berks County Extension Center.

Posing as an aerobics instructor the 16 year old told the audience that good nutrition including dairy products, contributes to physical fitness. Carrying a Real Seal gym bag, Suzann's presentation featured skim milk and other low fat dairy products as an appealing alternative for waist watchers.

Moyer and the new alternate dairy princesses Elizabeth Heruochon and Charlene Plushanski, were all fine advertisements for drinking milk. Suzann and Charlene wore long gowns of lavendar and aqua respectively. Elizabeth chose a more sophisticated look with a turquoise dress with spaghetti straps.

Suzann is the daughter of Karen and Ray Moyer, New Tripoli, Lehigh County. Karen explained that Lehigh has no dairy princess program. "We're members of the Berks County DHIA and Suzann decided to compete here," Karen said.

Suzann was excited about being the new dairy princess. "I can't wait to get started," she exclaimed.

She won't have to wait long. "We have a tour coming out to the farm on Tuesday. It's a pre-school and they've been visiting for years. They'll be so excited to have the dairy princess here," her mother explained.

Suzann had lots of competition from Elizabeth, daughter of Angela and Clyde Plushanski, Kutztown R.D. 3 and Charlene, daughter of Charles and Nancy Plushanski, Kutztown R.D. 3.

Elizabeth's skit targeted the younger members of the audience. She explained the importance of eating lots of dairy products to a young baseball player itching to get off the sidelines and into the game.

Lactose intolerance was the subject of Charlene's presentation. Charlene made it clear that those who have problems with regular milk products have a variety of delicious and nutritious alternatives.

All three girls found the judges' question 'What new and innovative ideas would you suggest for dairy princesses,' to be tough. Last year's county dairy princess and the reigning state princess, Anne Mitchell, stated that she'd have a hard time answering the question as well. Mitchell attended over 150 activities during her county term including farm tours, fairs, meetings, banquets, sales and parades. As busy as the princess and alternates are it would be hard to add more to the schedule. Mitchell went on to say she looked forward to working with the new princess and the alternates. Mitchell's state reign concludes in September.

As lovely as the princess contestants were the li'l Miss dairy princess contestants threatened to steal the show. Although it was hard to choose between seven of the cutest young ladies in Berks County, judges finally selected Jill Neiman, Fleetwood. In the interview portion of the program, Jill announced that her family had a thousand cats. She also likes catching frogs and insects, but when asked, she couldn't pick out which one special story to tell the judges. Later she told her mom, Linda, that there were just too many to choose from. Jill's mom and dad, Leon, milk 30-head of Jerseys and Holsteins.

The interviews proved to be very enlightening for the audience. Rachel Hartman, daughter of Bruce and Pollyanna Hartman, Hamburg, enjoys playing with her baby sister, but announced that she didn't want any more siblings.

Kate Kocher, the 4-year-old daughter of Ernest and Jean Kocher, Birdsboro, stated that she had won blue ribbons with her pony but that her favorite ribbons are the pink ones. Kristen Gross, the daughter of Dave and Marilyn Gross, Hamburg, demonstrated her future as a poet. Holly Moyer, daughter of Paul and Lucinda Moyer, Bernville, thinks feeding cats is the best job on the farm. Her sister Rosie, a four year old, told the audience she could pedal her tractor as fast as dad's. Vickie Kieffer, daughter of Mark and Debra Kieffer, Bethel, likes climbing on hay and straw bales.

(Turn to Page A39)

These young women are eager to promote the dairy industry in Berks County. From left: Elizabeth Heruochon, alternate; Jill Neiman, Li'l Miss; Suzanne Moyer, dairy princess; and Charlene Plushanski, alternate.

Tips To Grow, Market Greens

LEESPORT (Berks Co.) — Berks County Cooperative Extension is sponsoring a meeting on knowing and growing specialty greens and herbs for small scale farming operations. The meeting will be held on Tuesday, May 29, at 7 p.m. in the Berks County Ag Center, Leesport.

Greens such as mache, radiccio, arugula and endive are growing in popularity with the consumer and restaurant trade. Herbs and greens are ideal crops for local growers because leafy items from large production areas are often poor in quality after shipping.

Judith Benn Hurley, a syndicated food columnist with *The Washington Post*, will discuss greens and tips for using them. Debra Bertoldi, owner-grower of Cedar Hill Gardens, will discuss varieties, and Judith L. Schwank, Berks County Extension agent will discuss integrated pest management techniques for growing greens. There will also be a group discussion on developing a cooperative for small quantity growers. There is a $5 fee for the meeting.

Please contact the Berks County Cooperative Extension at 215-378-1327 to make a reservation. Deadline for reservations is May 24.

Berks County Selects Princess

(Continued from Page A38)

In ending her reign 1989-90 Lil' Miss Dairy Princess Pamela Werley said she was sad to leave but looked forward to competing in the big dairy princess contest like Ann. After the program was over, Pam, Kristen and Jill took turns trying out the dairy princess chair.

The winners of the color cow contest were also honored during the evening including: Alyse Corbin, nursery; Arielle Knabb, kindergarten, Kathryn Maakatche, first grade; Christopher Kunkle, second grade; Mark Kissling, third grade; Luis Green, fourth grade; and Christopher Carino, fifth grade. The second grade class at the Berkshire Heights Elementary School in the Wilson District won the Real Seal Contest and received an ice cream party.

This year's program was chaired by Sallie Mitchell, Donna Werley and Mary Haag. Also on the committee were Karen Mohn, Helen Seidel, Connie Troutman, April Hinnershitz and Tammy Balthaser. Mary Haag and Robin Phillips made stuffed cow toys for the event. Milk cans filled with flowers helped make it a festive dairy affair.

PUBLIC AUCTION
Saturday, May 26, 1990
10:00 A.M.
Household- Ford 8N- Bush Hog- John Deere Baler- Power Tools- Guns

DIRECTIONS: Located in Hellertown (Wassergass) at the corner of Drifting Drive & Bergstresser Road. From Main St., Hellertown turn onto Penn St. at the Original Tavern House. Continue on Wassergass Rd. approx. 4 miles to Bergstresser Dr.- or- From Springtown (Rts. 212 & 412) to Drifting Dr.- 2.5 miles to sale.

EQUIPMENT: Ford 8N with front end loader, fork, 2 bottom plows, grader blade, all new tires. Bush hog, John Deere 14 T baler, John Deere side rake, Model 77 New Holland baler, trailers, grain drill, harrow disk, hay crimper, bucksaw, radial arm saw, welder, grinders, circular saw, Craftsman tools, wheel barrow, hand and power tools, large selection of shovels & forks, butcher items, bolts, & nuts, etc.

FURNITURE: Color T.V. V.C.R., 60 channel box, gun cabinet, Jap rifle, Kentucky flint lock, Mossburg pump, double bed with dressers, cedar chest, fans, desk, & large selection of household items, 50 Mickey Mouse items. ***This is only a partial listing. Many, many other items.***

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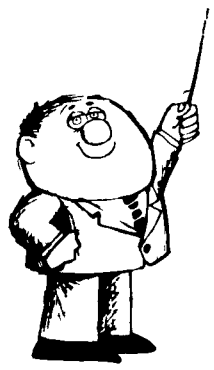

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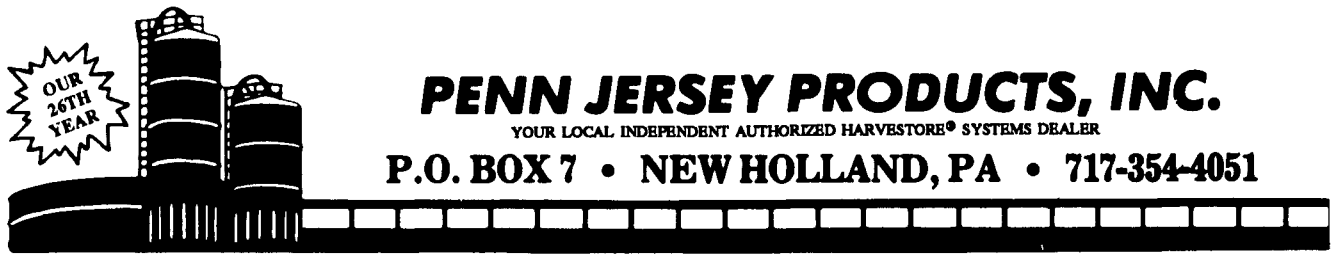

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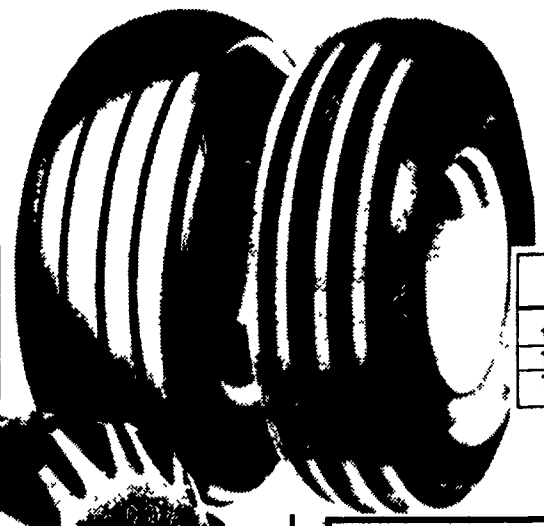

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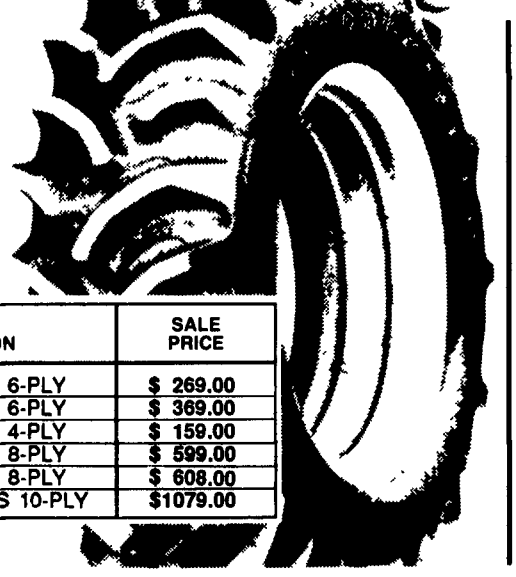

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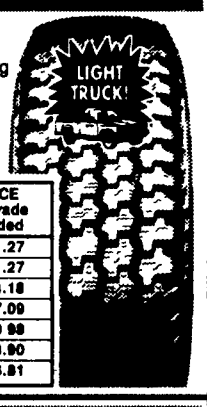

OUTLINE WHITE LETTER SIZE	PRICE No Trade Needed
P205/75R14	$ 91.27
P195/75R15	$ 91.27
P205/75R15	$ 94.18
P215/75R15	$ 97.09
P225/75R15	$100 99
P235/75R15	$103.90
P235/75R15 (X2)	$106.81

- Flexible sidewalls provide smooth comfortable ride
- Cool running radial construction dissipates heat for added durability

BLACKWALL SIZE	PRICE No Trade Needed
155SR12	$33 95
155SR13	$43 91
165SR13	$46 38
175SR13	$39 54
185SR14	$41 62
165SR15	$46 30
175/70SR13	$46 62
185/70SR13	$48.97
185/70SR14	$51 44

- Steel belted radial construction provides strength, long tread wear and fuel efficiency

WHITEWALL SIZE	PRICE No Trade Needed
P155/80R13	$33.95
P165/80R13	$44 54
P185/80R13	$49.30
P185/75R14	$53 48
P195/75R14	$56 34
P205/75R14	$59.26
P205/75R15	$62 42
P215/75R15	$65 72
P225/75R15	$69 17
P235/75R15	$72 81

- Fuel efficient radial ply construction
- Two steel cord belts for strength and durability

WHITEWALL SIZE	PRICE No Trade Needed
P155/80R13	$31 45
P185/75R14	$44.05
P195/75R14	$46 15
P205/75R14	$49 30
P205/75R15	$51.40
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Modern-Day Cowboy Saddles Up And Rides Into History

Chuck Schuster looks over his shoulder as he continues on the YO ranch round- up.

SHARON B. SHUSTER
Maryland Correspondent

KERRVILLE, TX — It began as a dream while thumbing through the Neiman Marcus Christmas 'wish book.' The two-page spread beckoned browsers to "saddle up and ride into history."

"I sure would love to do that," said Chuck, my husband and devoted Louis L'Amour fan. Looking over his shoulder, I could see that the glossy photos of cowboys, lassos in hand, in full western regalia, appealed to his love of everything western and bovine. This was a chance to "sample the west as it was before the turn of the century" as one of 150 participants in a genuine Longhorn cattle drive at the famous Y.O. Ranch in Kerrville, Texas.

The pricey Neiman Marcus chain of stores caters to those with an appetite for the extraordinary, and it is particularly well-known for its unique 'His and Her' Christmas catalog gift offerings. In past years there were his and her airplanes, ermine bathrobes, Chinese junks, submarines. balloons, parasails, bathtubs (24 kt. gold trim), camels, jaguars, designer clothers, buffalos, windmills, dirigibles, ostriches, diamonds (56 ct. and 21 ct.), robots, among others. Perhaps one of the most unusual offerings was a pair of 2,000-year-old mummy cases, "richly adorned, but gratefully vacant." And the 1989 offering was "Quest for the West."

While Chuck looked dreamily at the photos of cattle and ranchers riding into a western sunset, I scanned the description. "It says here that it's 'no weekend for the tenderfeet' and you participate 'all out in the cattle drive.'"

"I can handle that. It would be fun," he said.

"It says you see the wide open spaces from the back of a horse. Can you ride a horse? I asked.

"I had riding lessons when I was 10," retorted Mr. equestrian.

While we to talked about how fun and educational the trip would be, and looked at all the western gear sold on the adjacent pages, I decided then and there that this would be Chuck's surprise Christmas gift from the family.

Indeed, he was surprised. When the end of April came, Chuck was on a plane headed for the Texas Hill Country to take part in a cattle drive of a part of the largest Texas Longhorn herd in the world.

After he checked in, Chuck surveyed his room. He was "bunking in style" at the Y.O. Hilton. Out at the ranch, and hour bus ride away, he became acquainted with fellow travelers at an 1880's costume party.

"People were dressed in everything from authentic 1880's to modern western wear, including firearms," reported Chuck.

The crowd danced to the tunes of The Sons of the Mother Lovin' bunkhouse Band and feasted on Tex-Mex fare.

"I even ate rattlesnake," said Chuck. "They didn't say what it was until after I ate it." He likened the taste of the skewered and barbecued meat to chicken. "It was good."

Chuck turned in early that night, back at the Hilton. No sleeping under the stars this time around. It was up at dawn the next day to head out to the Chuck Wagon for breakfast.

Chuck dressed in the suggested western duds for the trail drive. He wore a cowboy hat, boots and gloves to guard against the throny mesquit branches along the 30-mile trail. Some also wore lambskin dustrs and buskskin chaps. Everyone who participated in this 110th anniversary trail drive was issued a Neiman Marcus bandana and Trail drive badge that looks like a sheriff's star.

The bandana was suggested as part of the gear to guard against the dusty trail. Pulled up over the nose and mouth, the standard western item can keep drovers at the back of the herd from eating dust all day. But there was little dust this time. Texas was innudated with rain and week previous, with 13-inches falling in one day.

The first task for the novice drovers was to choose a mount for the long trail. "I stood back and watched a few others pick first," said Chuck. "Then I saw this almost black horse with a nice saddle and picked him. His name was Pumpkin. We got along just fine," he added.

With everyone either on a horse or in a buckboard wagon or authentic stagecoach, they positioned themselves around the herd of longhorns. "Their horns were about five or six feet in length from tip to tip," observed Chuck. He compared the large lean and lanky animals to the cattle he raises at his New Windsor family farm. "These were finished steers that we were driving," he explained. "They weighed about 1,700 pounds whereas a finished steer here weighs about 1,200 pounds. The longhorns look so boney."

As he settled into the saddle, Chuck took in the very different terrain of the Texas Hill country. "The ground is covered with rocks. I can see why Louis L'Amour wrote about travelers having to keep their horses still so that the Indians couldn't hear their horses' hooves clicking. And the dry washes which are dry gullies that carry water after sudden infrequent rain storms — I see how people could have hidden in them."

Chuck said that the lush spring green of the east was a contrast to the harsh brown scrub of the rough terraine Kerrville, Texas. "There is no grass except a little bit under mesquite trees. There are only short cedar trees and mesquite growing everywhere. I don't know how the cattle survive," he said. "If our cattle went to Kerrville, they would turn up their noses because they are used to eating lush green alfalfa."

As the day wore on, Chuck said he compared notes with the ranchers and drovers about farming. "They couldn't believe that we support a herd of 50 on only 150 acres."

The Y.O. Ranch is comprised of 45,000 acres — that's three zeroes! The second largest working ranch in Texas, and the home of the largest registered herd of Texas Longhorns in the country, the Y.O. is also one of the largest privately-owned game preserves in the world, surpassing thos of Africa. Chuck reported seeing many of the more than 20 varieties os exotic animals housed there, including a 300-pound ostrich.

While the vastness of the ranch is impressive, Chuck said that the comparison of acreages must be qualified when talking about the east versus the west. "It takes about an acre of land to support a cow and calf here, while in Texas it takes about 30 acres to provide enough food to support one steer."

Along the trail, Chuck said, occasionally a steer would try to break free from the herd and would have to be hunted down and brought back over the rocky terrain and through the low hanging branches.

"Some people got scratched up pretty good. My horse tried to rub me off a couple of times." Chuck reported that drovers said they carry 'cat gut' with them during regular roundups because they and their horses are often cut by the thorny mesquite as well as by the sea of horns that they ride around all day.

At lunchtime, tired riders took a break and ate hamburgers "as big as a plate" right on the trail. One of the drovers performed rope tricks. The herd took a break too, and stopped at a dry wash that had about six to eight inches of water in it from the previous day's rain.

Back in the saddle, the trail drive continued for another 15 miles. Chuck said he knew when he was near the end of the trail "because my horse took the reins. He had a mind of his own and headed home." Chuck made it back to the Y.O. bunkhouse without incident. It was time to wash off the dust of the trail and soothe the saddle sores.

"I'd love to do it again," he wished aloud. "Maybe next time on an overnight drive, sleeping under the stars, or in another part of the country. It's an experience I'll never forget."

Texas Longhorn steers along the 30-mile trail. The rugged cattle vary in color with mixes of brown and white, red, and brindle. Markings range from almost solid to speckled. Finished steers like these tip the scales at 1,700 pounds.

YO ranch hand, Pete Jennings, performed rope tricks at lunchtime.

Homestead Notes

MICROWAVE MINUTES

By JOYCE BATTCHER

It's rhubarb season, the time to bring out your old favorite rhubarb recipes to update to microwave cooking.

I took two recipes from my files and changed them from slowed-baked to quick-microwaved. Here's how I did it and how you can adapt your favorite rhubarb crisps and cobbler recipes.

Granola Rhubarb Crisp was made pretty much like the conventionally baked version, except cooking time was cut to one-third. I substituted whole-wheat flour for all-purpose flour and added extra cinnamon to give a browner look. I also reduced the margarine from one-half cup, since the microwave version stays more moist because of fast cooking.

Cooking time was reduced from 45 minutes in a 350-degree oven to about 12 minutes on High power. I first microwaved the crisp about the same time as an apple crunch recipe in a microwave manufacturer's cookbook. I added time until the rhubarb tested tender when pierced with a fork.

Rhubarb Blueberry Cobbler was also easy to adapt to microwave. Conventionally, the rhubarb, blueberries, water, sugar, cornstarch and cinnamon would be cooked together in a saucepan and then boiled one minute. The mixture would need constant stirring to prevent burning. Then the mixture would be poured into a baking dish, the shortcake topping added, and the dessert baked for about 30 minutes at 400 degrees.

With your microwave, the dessert cooks in one dish. Cook fruit mixture in a covered casserole until bubbly and thickened. Stir twice during cooking to prevent a big lump from forming. Drop spoonfuls of the shortcake mixture atop the hot fruit, cover and microwave for about four minutes.

Either dessert starts with fresh rhubarb or last year's frozen rhubarb. Seems like I always have frozen rhubarb to use up yet when the fresh starts to produce. If you do too, use the same amount of frozen rhubarb. Microwave the frozen lump in the cooking dish for a minute or two. Break it apart with a fork and continue with your recipe. Rhubarb can still be icy when you stir in the other ingredients and start microwaving. You may have to add about two minutes' extra cooking time.

So go ahead and sample this year's fresh rhubarb or last year's frozen rhubarb in an old-fashioned rhubarb recipe made the quick microwave way.

GRANOLA RHUBARB CRISP

4 cups rhubarb, cut ¼ inch thick
¾ cup granulated sugar
2 tablespoons all-purpose flour
⅓ cup softened margarine or butter
⅓ cup firmly packed brown sugar
1 teaspoon vanilla extract
¾ cup oatmeal (not instant)
½ cup whole-wheat or all-purpose flour (or mixture)
¼ cup coconut
¼ cup sunflower nuts or chopped walnuts
½ teaspoon ground cinnamon
Vanilla ice milk or whipped cream (optional)

Combine rhubarb, granulated sugar and 2 tablespoons flour in microwave-safe 8x8-inch dish; stir well and set aside.

In separate bowl, stir together margarine, brown sugar and vanilla until smooth. Pour remaining ingredients atop margarine mixture. Using a fork, mix all ingredients until crumbly. (Mixture should not form a dough). Stir rhubarb again to make sure sugar is well mixed. Top with crumbly mixture. Microwave (High) 10 to 12 minutes or until rhubarb is tender when tested with fork. If necessary for even cooking, rotate dish once or twice. Serve warm or cold, with or without ice milk or whipped cream. Makes 9 servings.

Each serving: 247 calories, 3g protein, 10g fat, 38g carbohydrat, 87mg sodium, 0 cholesterol.

RHUBARB BLUEBERRY COBBLER

2 cups sliced rhubarb
1 cup frozen or fresh blueberries
⅔ cup granulated sugar
½ cup water
1 tablespoon cornstarch
¼ teaspoon cinnamon
1¼ cups buttermilk biscuit mix
1 tablespoon sugar
¼ cup low-fat milk
1 tablespoon margarine, melted
Sugar and cinnamon (optional)
Vanilla ice milk (optional)

Stir together rhubarb, blueberries, ⅔ cup sugar, water, cornstarch and cinnamon in a microwave-safe 2-quart round casserole. Cover with casserole lid or plastic wrap. Microwave (High) 8 to 9 minutes, stirring twice toward end of cooking, or until sauce is bubbly and thickened.

While fruit cooks, make cobbler topping by combining biscuit mix and 1 tablespoon sugar. Add milk and melted margarine: stir with fork until well mixed. Drop by small spoonfuls around edges of hot fruit, leaving center open. Sprinkle with sugar-cinnamon mixture, if desired. Cover with lid or waxed paper. Microwave (high) 3½ to 4½ minutes or until topping no longer looks doughy on top (and when pulled apart with fork, inside parts are cooked). Serve warm in individual dishes, spooning fruit over cobbler topping. Top with ice cream, if desired. Makes 6 to 8 servings.

Each serving — ⅙ of recipe: 147 calories, 1g protein, 3g fat, 30g carbohydrate, 132 mg sodium, 0 cholesterol.

Questions and answers —

Q. How can I tell if my microwave is a low-wattage one? It seems to take longer to cook than recipes say.

A. Here's an easy test to see if your microwave is a low-wattage (400 to 600 watts) microwave. Heat a cup of tap water in a microwave-safe dish, uncovered, on High. If the water takes longer than 3 minutes to boil, your microwave has a wattage output of less than 600 watts.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

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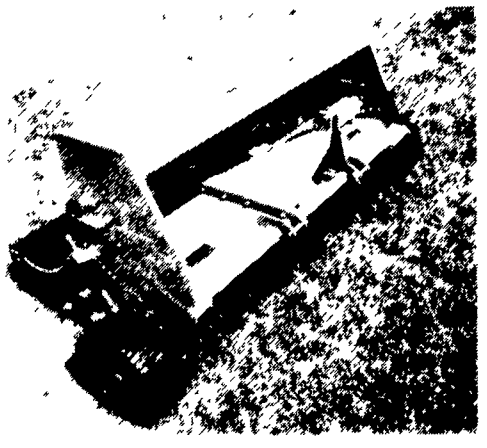

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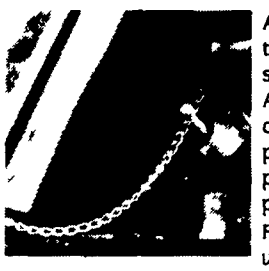

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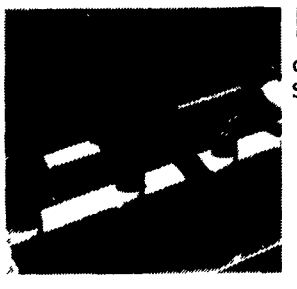

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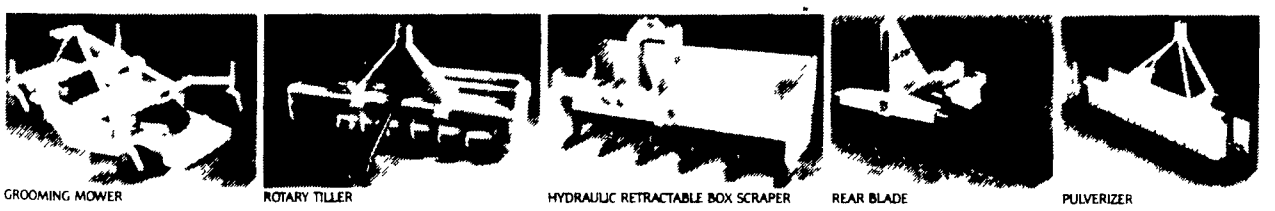

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Foundation Awards Ag, Home Economics Scholarships

ANDY ANDREWS
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — Thirteen high school graduates, selected from 17 applicants, found out at the Farm and Home Center Tuesday night that they had each won a $1,000 scholarship to attend a college, university, or other acceptable educational institution with an accredited program in either agriculture or home economics.

Exactly $13,000 in scholarships was awarded by the Farm and Home Foundation. Selections were made this year by the board of directors of the foundation, based upon the screening, evaluation, and recommendations of the Scholarship Committee, according to Jay W. Irwin, chairman of the committee.

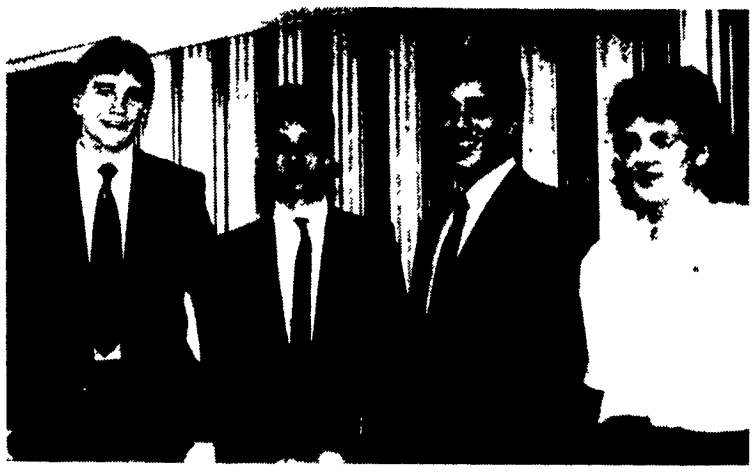
The money can be used to help defray tuition, fees, or room and board expenses while learning more about agriculture or home economics and related programs. The amount to be awarded depended upon the financial need and ability of the applications, with a maximum of 13 scholarships for 1990.

In addition to high school transcripts, test results, and class standing information, applicants were required to obtain a statement from their guidance counselor or high school principal regarding information on leadership ability and character and mailed to the committee for review. In addition, parental income tax returns for 1988 and 1989 were required.

Winners of the scholarships are Aimee Eopechino, Lancaster, 17, from Conestoga Valley High School, who will major in ag at Penn State; Timothy B. Groff, Lancaster, 18, from Penn Manor H.S., who will major in ag at Penn State; Greg Harnish, Manheim, 17, from Manheim Central H.S., who will major in ag at Penn State; Kenneth Scott Hertzog, Ephrata, 19, from Garden Spot H.S., who will major in ag at Hesston College, Kansas; Troy D. Sellers, New Providence, 18, from Solanco H.S., who will major in ag at Penn State; and Chrissy Lynn Sipe, Marietta, 18, from Donegal H.S., who will major in ag at Delaware Valley College.

Additional winners are J. Matthew Wanner, Narvon, 18, from Pequea Valley H.S., who will major in ag at Penn State; Chris Zimmerman, East Earl, 17, from Garden Spot H.S., who will major in ag at Penn State; Chrissy Garlin, Manheim, 17, from Manheim Central H.S., who will major in home ec at the Philadelphia College of Textiles and Science; and Audrey C. Hess, Lancaster, 16, from Lancaster Mennonite H.S., who will major in home ec at Eastern Mennonite College.

Other winners are Bethany J. Rutt, Lititz, 17, from Warwick H.S., who will major in home ec at Harcum Junior College; Robin Lynne Schmincke, Lancaster, 17, from Penn Manor H.S., who will major in home ec at Penn State; and Alyssa Ann Titus, Leola, 17, from Conestoga Valley H.S., who will major in home ec at the Philadelphia College of Textiles and Science.



Other winners of the 1990 Lancaster Farm and Home Foundation scholarships include, from left, Troy D. Sellers, New Providence, 18, from Solanco H.S., who will major in ag at Penn State; Chris Zimmerman, East Earl, 17, from Garden Spot H.S., who will major in ag at Penn State; J. Matthew Wanner, Narvon, 18, from Pequea Valley H.S., who will major in ag at Penn State; and Chrissy Lynn Sipe, Marietta, 18, from Donegal H.S., who will major in ag at Delaware Valley College.

Winners of the $1,000 scholarships to high school graduates who plan to further their studies in ag or home economics include, left to right, Kenneth Scott Hertzog, Ephrata, 19, from Garden Spot H.S., who will major in ag at Hesston College, Kansas; Greg Harnish, Manheim, 17, from Manheim Central H.S., who will major in ag at Penn State; Timothy B. Groff, Lancaster, 18, from Penn Manor H.S., who will major in ag at Penn State; and Aimee Eopechino, Lancaster, 17, from Conestoga Valley H. S., who will major in ag at Penn State.

On Tuesday night in Lancaster, high school graduates were awarded $1,000 each in scholarships to further their education in agriculture and home economics. They include, from left, Alyssa Ann Titus, Leola, 17, from Conestoga Valley H.S., who will major in home ec at the Philadelphia College of Textiles and Science; Robin Lynne Schmincke, Lancaster, 17, from Penn Manor H.S., who will major in home ec at Penn State; Audrey C. Hess, Lancaster, 16, from Lancaster Mennonite H.S., who will major in home ec at Eastern Mennonite College; Chrissy Garlin, Manheim, 17, from Manheim Central H.S., who will major in home ec at the Philadelphia College of Textiles and Science; and Bethany J. Rutt, Lititz, 17, from Warwick H.S., who will major in home ec at Harcum Junior College.

"Savor The Sizzle" Campaign

CHICAGO, IL — A checkoff-funded program that will encourage retailers to sell more cuts from the chuck portion of the beef carcass will be released this summer. The "Savor the Sizzle" campaign will provide retailers with point-of-purchase materials, on-package recipe stickers and other promotional items to give customers ideas for preparing chuck cuts (top and bottom blade steaks, chuck eye steaks, and shoulder steaks).

"This promotion will help retailers develop new ways to market the chuck during the time when chuck products traditionally lag behind other grillable cuts," says Deborah Schrecongost, coordinator of retail programs at the Beef Industry Council.

The 1989 chuck promotion program helped increase chuck sales 62 percent in some stores during the period it was advertised and 25 percent the following week.

To help make this promotion more successful, the BIC is releasing a new cutting chart, "Convenience And Variety — Beef Chuck — Its Added Value Is In The Cuts." The new "chuck-chart" shows the two-piece boneless chuck and lists specifications for cutting the sub-primals of the chuck. The chart also shows meat cutters how to divide the chuck into retail cuts that will have added value.

In addition, meat departments also will receive a "Creative Cuts For the 1990s," flip chart which demonstrates some of the best new meat merchandising ideas of the 90s. The flip chart highlights some of the winners from the beef industry's "Cut Above the Rest II" cutting contest.

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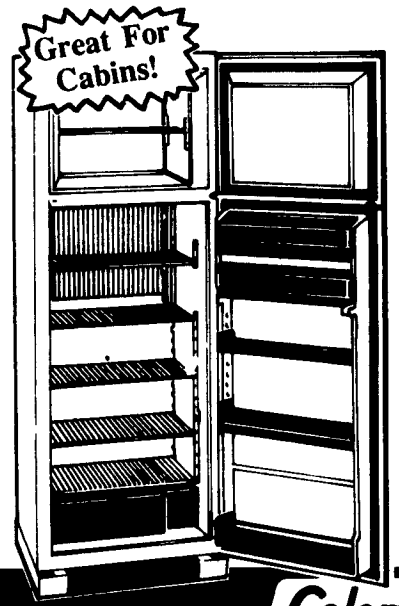

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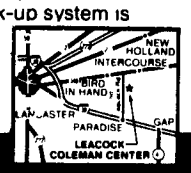

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Ida's Notebook

Ida Risser

Next week will be Ascension Thursday. This brings back memories of a tradition in our family. In fact, I believe that long ago many people followed the same pattern. As it was a religious holiday, they did not work but rather went fishing. Now instead of going fishing and maybe not having any luck, my family bought fish.

The trip to Northeast, Maryland was a looked forward to excursion. A big lunch was packed before my parents packed we seven girls into the 1923 Overland car. The roads were often muddy and sometimes we actually got stuck. My father took burlap bags along to help us get going again.

There was a campground woods where we always stopped to eat. And, I have a picture of our family's car and my Grandfather's Buick there. These cars had celluloid curtains that could be snapped into place but often rain came unexpectedly. So, we children huddled on the floor under a blanket and giggled. It really was a lot of fun.

Our purchase, always from the same family, was enough shad, herring and eel to last until the next year. These fish were cleaned that night and salted down in big crocks. One time, when I was about four, I backed and fell into a big tub of bloody water with my good clothes on. Because of this, I was sent to bed without any supper.

These fish were often served for Sunday breakfast. My father ate all of the bones in the herring and he expected us to do the same. Times surely have changed as now we have orange juice and cereal for breakfast. Maybe the fish were better for us.

Recently, Allen and I tried our hand at trout fishing in Wyoming County, where our daughter lives. We surprised her by arriving with the trailer loaded with a big, heavy picnic table which he had made for her. She liked the one that he made for our backyard and she ordered one too. Previously, I gave her the finished walnut coffee table that I made in the woodworking class. We kept the end table that Allen made and put it in our fireplace room.

Bradford Pageant Set For June 2

ATHENS (Bradford Co.) — The 1990 Bradford County Dairy Princess will be crowned Saturday, June 2 during the pageant at the Athens Middle School. The pageant, which is free to the public, caps a series of activities which include a dinner, parade, games, crafts fair, and more.

June 1, Friday evening at 7 p.m. there will be a milk social and swiss steak dinner at the Athens Methodist Church. Emcee for the dinner is Dr. Joe Blood and entertainment will be provided by a barbershop quartet.

For tickets to the dinner contact Guy Parks at 717-888-6705 or Stu Rosengrant at 717-265-9428.

Saturday morning there will be a parade starting at 11 a.m. beginning at the Athens High School. Bands from throughout the area will be performing.

Following the parade there will be a Craft Fair at the Athens Methodist Church. There will also be vendors in the mini-mall.

Activities will include a cow milking contest at 12:30, a sack race, greased pig contest and - just for the kids - a tractor pulling contest.

Trash In Trucks

Not a good idea by any stretch of the imagination. That's why when reports surfaced last year of East Coast-bound food trucks backhauling garbage to Midwestern landfills, the U.S. Department of Agriculture took the lead in assembling an inter-agency task force to address this issue. The result: An educational effort aimed at the food distribution and transportation industries to point out the innate dangers of contamination when waste and food products are hauled in the same vehicle.

Cambria County Coronation

SPANGLER (Cambria Co.) — The annual spring dinner meeting of the Cambria County Farmer's Association was held at the New Germany Church Hall.

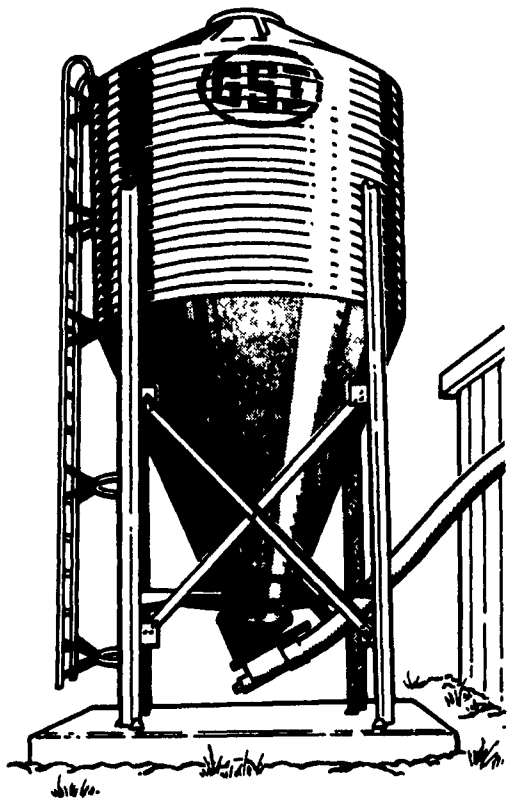
William Adams, PFA director of natural resources, was the guest speaker. He discussed the procedure for implementing agriculture preservation areas in Pennsylvania.

Brenda McMullen of Loretto was crowned the 1990 Cambria County dairy princess.

Brenda, the daughter of Ed and Cindy McMullen of RD Ebensburg, is finishing her junior year at Bishop Carroll High School. Brenda belongs to the county 4-H Exchange Club and has been actively involved in the Cambria County 4-H Dairy Club, where she will be president this year. Through the 4-H Club, she has been a member of the dairy judging team.

GSI

FEED BINS



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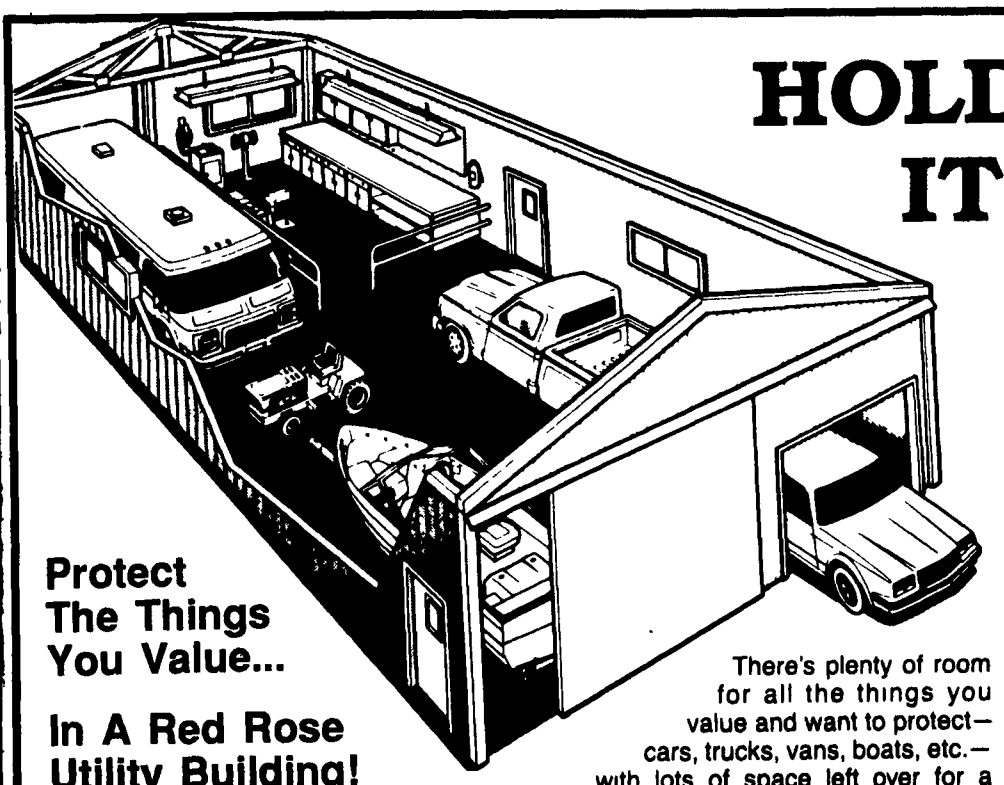

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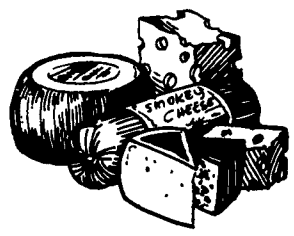
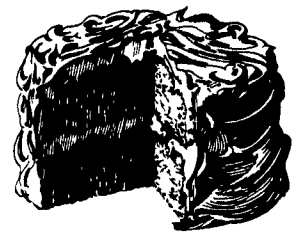


Home On The Range



Sizzle These Specials On The Grill

Warm weather comes and goes so fast — you don't want to miss a moment of it. From Memorial Day through Labor Day there are plenty of reasons for firing up the grill...it's synonymous with families coming together or friends gathering.

Backyard barbecues are perennial favorite ways to enjoy summer. So set up the picnic table, fire up the grill and get ready to enjoy the season.

In honor of the occasion, the American Dairy Association, Middle Atlantic Milk Marketing Association, Beef and Live Stock Board, National Pork Producers Council, NBC Chicken Wire, and others have concocted and kitchen-tested these recipes you'll love serving to family and friends.

Happy Grilling!

NUTTY KABOBS

1 pound pork tenderloin
2 tablespoons sugar
2 tablespoons oil
2 tablespoons soy sauce
1 tablespoon lemon juice
¼ cup minced onion
2 cloves garlic, crushed
¼ teaspoon ground red pepper

Cut pork into ½ -inch cubes. Combine remaining ingredients and pour over pork; cover and refrigerate for one hour. Thread pork onto skewers and grill 6-inches above a solid bed of glowing coals. Turn, basting with marinade, until browned on all sides. Serve with hot cooked rice, if desired, and dipping sauce.

Dipping sauce: Combine thoroughly: 1 cup pineapple juice, ⅔ cup peanut butter, 2 cloves garlic, 2 tablespoons brown sugar, 1½ tablespoons lemon juice, 1 tablespoon soy sauce, ½ teaspoon crushed red pepper.

National Pork Producers Council

POTATO SPECIAL

3½ pounds potatoes
1 pint whole milk or half and half
1 pound Velvetta cheese
¼ pound butter
2 tablespoons onion, optional

Cook potatoes in jackets. Cool completely. Grate into 13x9-inch pan. Heat milk, cheese, and butter until melted. Pour over potatoes and sprinkle Romano cheese over top. Do not stir. Bake ½ hour at 350 degrees. Sprinkle with salt and pepper.

Marcella Barkman
Breezewood

GRILLED CATFISH FILLETS WITH DIJON SAUCE

4 catfish fillets, thawed
3 tablespoons butter, melted
1 teaspoon Worcestershire sauce
Lemon twists for garnish, optional

Dijon sauce:
½ cup sour cream
1 tablespoon Dijon mustard
1 teaspoon Worcestershire sauce

Rinse fillets and blot dry. Combine butter, Worcestershire sauce and lemon pepper; mix. Brush both sides of fillets with butter mixture and place on a heavy sheet of heavy-duty foil in a well-greased hinged fish basket. Grill over medium-hot coals for 5 to 8 minutes; turn fillets and grill another 5 to 8 minutes or until fish flakes easily when tested with a fork. Combine sour cream, Dijon mustard, and Worcestershire sauce. Heat until warm. Serve 2 tablespoons sauce over each catfish fillet and garnish with lemon twists. Serves 4.

FESTIVE KABOBS

Knockwurst, precooked
Barbecue sauce
Green pepper, pieces, about 2-inches square
Swiss cheese
Cherry tomatoes

Cut each sausage into thirds. Split each piece lengthwise almost through to outer edge. Marinate in barbecue sauce several hours. Cut cheese wedges to fit into split sausage. Alternate sausage and vegetables on metal skewers. Brush with barbecuce sauce. Grill over medium heat, cheese side down, until cheese is soft. Turn; continue grilling until sausage is hot and cheese begins to melt. Serve with additional heated barbecue sauce, if desired.

Buttered barbecue sauce:
½ cup butter
¼ cup chopped onion
1 8-ounce can tomato sauce
4 teaspoons lemon juice
1 tablespoon Worcestershire sauce
1 tablespoon firmly packed brown sugar
½ teaspoon dry mustard
¼ teaspoon salt

Melt butter in a small saucepan; saute onion until tender, about 5 minutes. Add remaining ingredients; mix well. Simmer, uncovered, 10 minutes.

If it's grilled, it has got to be good!

CHILI POPCORN

½ cup butter
3 dried whole red peppers
1½ teaspoon chili con carne seasoning or chili powder
¼ teaspoon garlic powder
¼ teaspoon cayenne pepper
½ cup unpopped popcorn
½ cup grated Romano cheese

Melt butter in small saucepan on edge of grill. Add red peppers; keep very warm for 5 to 10 minutes. (The longer the red peppers are in the butter, the spicier the butter becomes). Remove peppers and discard. Add chili seasoning, garlic powder, and cayenne. Leave on edge of grill. Tear two pieces of heavy-duty aluminum foil, each 36x18-inches. Fold each in half to form an 18-inch square. Fold up sides, using fist to form a pouch. Place ¼ cup popcorn in each foil pouch. Bring corners of foil together leaving room for corn to pop. Squeeze edges tightly to seal. Tie string securely around top of pouch. Tie pouch to a long-handled barbecue tool. Hold pouch over, but not touching, hot coals. Shake until corn is popped. Place popped corn in bowl. Pour butter mixture and cheese over popcorn. Toss gently. Serve.

PISTACHIO DELIGHT

Graham cracker pie crust
2 pistachio pudding mixes, instant
2 cups milk
1 quart vanilla ice cream, softened

Make graham cracker crust according to directions. Double for thicker crust. Bake and cool.

Add 2 cups milk to pudding mix. Beat according to directions. Add softened ice cream. Stir until smooth. Layer on the crust. When set, add whipped cream. Sprinkle with chopped nuts, if desired. Refrigerate.

Marcella Barkman
Breezewood

BAKED BEANS

1 pound can red beans
1 pound can butter beans
28-ounce can baked beans
½ pound ground beef
½ pound bacon
1 onion
⅓ cup brown sugar
½ cup white sugar
¼ cup catsup
¼ cup barbecue sauce
2 tablespoon mustard
2 tablespoon Karo syrup
1 teaspoon chili powder
1 teaspoon salt
¼ teaspoon pepper

Fry bacon until crisp. Set aside. Brown ground meat in skillet. Add onion, cook until done. Add remaining ingredients except beans. Simmer 5 minutes. Place beans in large casserole; add all ingredients. Stir. Bake 1 hour at 350 degrees.

Marcella Barkman
Breezewood

CHEESEBURGER OF THE '90S

1 pound lean ground beef
2 tablespoons chopped green onion
1 garlic clove, minced
½ teaspoon cracked black pepper
4 slices Mozzarella cheese
Lettuce
4 whole grain rolls
4 grilled tomato slices
¼ cup crumbled Blue cheese, optional

Combine ground beef, onion, garlic, and pepper; shape into four ½ -inch thick patties. Place patties on grid over medium coals. Grill 10 minutes for medium or to desired doneness, turning once and topping burgers with Mozzarella cheese the last minute of grilling. To serve, arrange lettuce on roll bottoms; top with burgers, tomato slice and, if desired, Blue cheese. Close with roll tops.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

May	**26-**	Strawberries
June	**2-**	Dairy Desserts
	9-	Dairy Beverages

Featured Recipe

Grilling is easy with "Great Grilled Beef," a booklet from the National Live Stock and Meat Board Test Kitchens and the Ohio Beef Council. Whether you're a novice or an experienced cook, the 31 pages of recipes and grilling tips take the guesswork out of grilling beef. You can choose tenderloin steaks for two or a marinated roast for a crowd and expect perfect results every time.

For your free copy of "Great Gilled Beef," Send your name and address to Ohio Beef Council, PO Box 845, Westerville, Ohio 43081.

HONEY MUSTARD-GLAZED STEAKS WITH GRILLED ONIONS

⅓ cup Dijon-style mustard
1 tablespoon chopped parsley
1½ tablespoons honey
1 tablespoons cider vinegar
1 tablespoon water
¼ teaspoon hot red pepper sauce
⅛ teaspoon grind black pepper
2 well-trimmed boneless beef top loin steaks, cut 1-inch thick
1 large onion, cut into ½ -inch thick slices

Combine mustard, parsley, honey, vinegar, water, pepper sauce, and pepper. Place beef top loin steaks and onions on grid over medium coals; brush both sides liberally with glaze. Grill steaks and onions 15 to 20 minutes for rare to medium or to desired doneness, turning once and again brushing with glaze.

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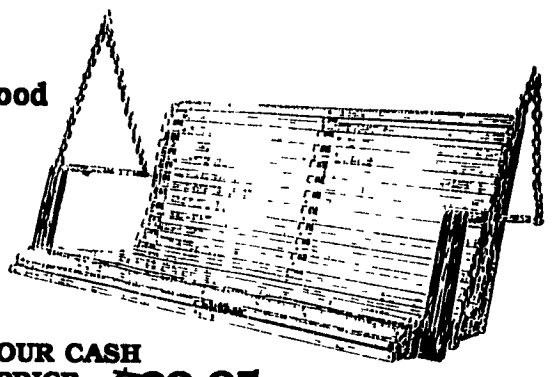

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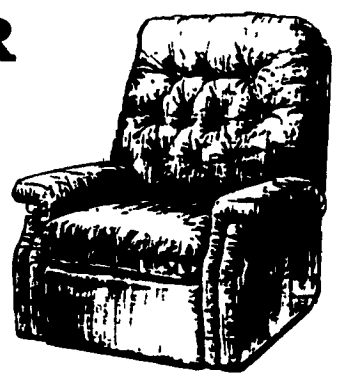

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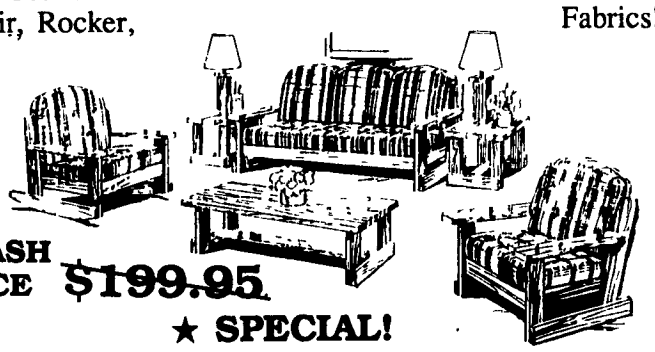

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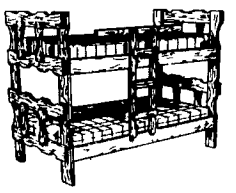

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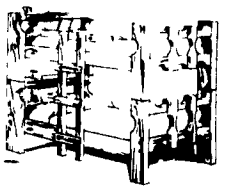

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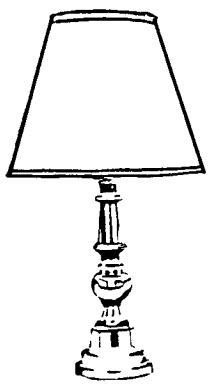

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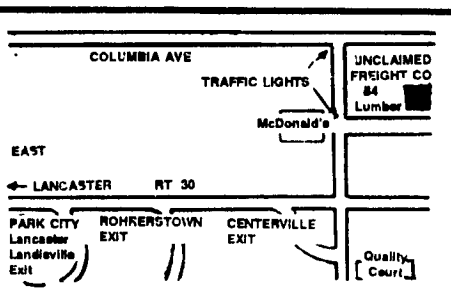

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Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send an SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Grace Barley, Conestoga, would like a recipe for rock salt cabbage. She heard about the recipe from a nephew who lives in Oregon.

QUESTION — David Akins, Blairsville, is looking for a recipe for kolbassi that uses sheep meat or combines sheep and pork.

QUESTION — Mrs. Hugh Hovermale, Whitacre, Va., writes that she needs to be careful of her sugar intake; however, she loves chocolate candy. She would like recipes for making dietetic chocolate candies.

QUESTION — A Lebanon County reader would like a recipe for crab salad.

QUESTION — Carrie Sponellen, Gettysburg, would like low cholesterol recipes.

QUESTION — E.S. of Hamburg would like to know how to make cheese.

QUESTION — J. Burkholder, Quarryville, requested recipes for using smoked sausage.

QUESTION — Ruth Quade, Medford, N.J., would like to know how to soften 5 pound bags of sugar that hardened. She would also like to know where she can purchase ceramic buttons, bracelets and pins on which a decal is placed and baked.

QUESTION — D. Love wants a recipe beef burgundy.

QUESTION — Harry Drick, Allenwood, would like a recipe for an Easter egg that was printed in this paper several weeks before Easter. She said it takes crushed pineapple, maraschino cherries, and other ingredients.

QUESTION — Shirley Grove, Cheyney, would like recipes for chocolate whoopie pies and pumpkin whoopie pies.

QUESTION — Mary Wood, New Market, Md., is looking for an old-time recipe for molasses sauce that was served over apple dumplings.

QUESTION — M. Bartholomew, Orangeville, requests a recipe called PAP. It was a main dish that her husband's mother had made many years ago.

QUESTION — Carolyn Gutshall, Carlisle, would like a recipe for peanut butter eggs or balls that are not dry inside.

ANSWER — Debra Hoffheins of York requested a recipe for broasted chicken. Thanks to Edna Rudisill, Dover, for answering.

Broasted Chicken

10 chicken halves

Heat together:

½ pint water
1 pint vinegar
½ pound butter
1 ounce salt

Use a spray bottle or vegetable brush to apply liquid mixture to chicken. Apply often while grilling.

ANSWER — Carolyn Ryman, Nescopeck, wanted a recipe for pita bread. Thanks to Naomi Becker, Paxinos, for sending a recipe.

Pita Bread

2 cups very warm water
1 tablespoon yeast
1-1½ teaspoons honey
2 teaspoons salt
5-6 cups whole wheat flour

Dissolve yeast in ½ cup of the water. Add honey. Let set 5 minutes. Add the balance of the water. Stir in 2 cups flour until well blended. Add salt and another ⅔ cup flour; beat well. Stir in enough flour to make a soft dough. Beat well. Turn onto a floured board and knead until smooth and elastic, about 10 minutes. Let rise in a covered bowl about 1 hour, until doubled. Punch down and let rest 30 minutes, covered with a damp cloth. Divide into 12 to 16 balls. On a floured board, roll out each ball to a 5 to 6-inch circle from the middle outward. Let set for 30 minutes, covered with a damp cloth. Place on bottom rack (lowest position in oven) in preheated oven two circles at a time. Bake about 2 minutes until puffed, flip over and bake another 1½ minutes. Remove from heat, let cool and put in plastic bags and freeze or refrigerate. Continue until all are baked.

ANSWER — D. Love wanted recipes for chicken fried steak, hot bacon dresssing for dandelion, and Montgomery pie. Thanks to about 50 readers for answering these requests. Unfortunately we can not print all of them. The ones printed are chosen at random. For these, thanks to Frances Westfall, Spring Grove; C.M. Haas, Monocay Station; Ruth Getz; and Loretta Baver, Pennsburg.

Chicken-Fried Steak

1½ pounds round steak, cut into 4 portions
1 teaspoon baking powder
¾ cup flour
½ cup milk
2 eggs
Vegetable shortening

Gravy:

¼ cup flour
¼ cup oil
1½ cups milk
¾ teaspoon salt
¼ teaspoon nutmeg, optional
¼ teaspoon black pepper (increase to 2 teaspoons Texas style)

Pound steaks with a mallet until about one-third-inch thick. Mix baking powder and flour in one bowl, milk and eggs in another. Place enough oil or shortening in a heavy skillet to come about halfway up the sides of the meat, but not so much that it will slosh over top of it. Heat to 375 degrees. Dip steaks in milk mixture, then dredge in flour, then repeat the process.

Fry the meat until golden brown on one side, about 7 minutes, then turn and fry an additional 3 to 4 minutes; the steaks will float on top of the oil when they're done. Remove from pan and drain on paper towels; keep warm in a 200-degree oven.

To make the gravy, drain oil from skillet, reserving ¼ cup. Heat oil in the same skillet, stirring to loosen any browned bits. Sprinkle flour over oil and cook, stirring constantly, over medium-high heat for 1 minute, until flour just begins to color. Slowly drizzle in milk, stirring to keep gravy smooth, add seasonings and cook until gravy is thick. Serve over steaks. Serves 4.

Bacon Dressing

6 slices bacon
1 cup sugar
1 tablespoon flour
1 teaspoon salt
1 egg
⅓ cup vinegar
⅔ cup water

Dice and brown bacon. Pour off a little fat. Mix ingredients together. Pour in skillet with bacon fat and bring to a rolling boil, stirring constantly.

Hot Bacon Dressing

3 slices bacon
1 egg, beaten
1½ tablespoons flour
1 cup milk
¼ cup vinegar
¼ cup sugar
½ teaspoon salt
1 quart salad greens

Chop bacon and fry until crisp. Remove bacon and add to greens. Add other ingredients to beaten egg and pour into hot bacon fat. Cook until thickened. Pour at once over 1 quart crisp dandelion. A little chopped onion may be added to the greens if desired. Serves 4 to 6.

Montgomery Pie

1 cup brown sugar
¼ cup butter, melted
2 eggs, beaten
½ cup milk
1⅓ cups sifted flour
1 teaspoon baking powder
¼ teaspoon salt
1 lemon, juice and grated rind

Combine all the ingredients and pour into crust. Mix the following ingredients and pour on top:

½ cup molasses
½ cup sugar
⅔ cup water

Bake for 45 minutes at 350 degrees.

(Turn to Page B9)

On The Grill

(Continued from Page B6)

GRILLED BEEF 'N GREENS SALAD

1-pound boneless beef chuck shoulder steak, cut ¾ -inch thick
½ cup prepared red wine and vinegar salad dressing
4 cups torn salad greens
¾ cup thin red bell pepper strips, halved
⅓ cup cooked corn
½ cup thinly sliced red onion, separated into rings

Place boneless beef chuck shoulder steak and dressing in plastic bag, turning to coat. Close bag securely and marinate in refrigerator 40 minutes. Arrange salad greens, red pepper, corn and onion on large platter; refrigerate. Remove steak from marinade; reserve marinade. Place steak on grid over coals. Grill 14 to 20 minutes for rare to medium, turning once. Carve steak into thin slices; arrange on top of salad. Place reserved marinade in small saucepan. Bring to a boil; cool slightly and serve with salad. Serves 4.

Beef Council

GRILLED ZUCCHINI AND POTATO GRATIN

1 pound small new potatoes, scrubbed
1 pound small zucchini, trimmed, cut lengthwise into ¼ -inch thick slices
2 to 3 tablespoons olive oil
2 cups grated Provolone cheese
¼ cup chopped mixed fresh parsley and basil

Prepare charcoal for grilling. Meanwhile, steam potatoes in basket or on rack over boiling water until tender, 10 to 12 minutes. Let cool, then slice ¼ -inch thick.

When coals are covered with gray ash, coat potatoes and zucchini generously with oil. Grill, turning as needed until potatoes are browned, about 10 minutes, and zucchini are tender, about 5 minutes.

Heat oven to 375 degrees. Layer half the potatoes in 10x8-inch gratin dish. Sprinkle with ½ cup cheese, 1 chopped tomato, and 1 tablespoon herbs. Layer half the zucchini on top and sprinkle on another one-half cup cheese, 1 chopped tomato, and 1 tablespoon herbs. Repeat layers. Bake gratin until heated thoroughly for 15 to 20 minutes. Serve hot.

GRILLED ROSEMARY CHICKEN BREASTS

2 boneless whole chicken breasts, split
4 large cloves garlic, coarsely chopped
2 tablespoons chopped fresh rosemary leaves
2 tablespoons olive oil
2 teaspoons red wine vinegar
Salt and freshly ground pepper to taste

Prepare charcoal for grilling or pan grill using heavy cast-iron skillet.

Place chicken breasts in wide shallow dish. Sprinkle with garlic and rosemary, then drizzle with oil and vinegar. Season lightly with salt and pepper. Turn breasts to coat and combine. Let marinate, turning once or twice, at room temperature 15 to 30 minutes.

When coals are covered with gray ash, arrange chicken on grill. Or heat heavy skillet over medium-high heat until hot and add chicken. Grill, turning once, until golden brown on outside and just cooked through, 3 to 4 minutes each side. Serve hot.

On being a farm wife -And other hazards

Joyce Bupp

A regal queen on a royal throne, that's what she looks like.

Surveying the surroundings from her lofty position, she reigns over her very own little kingdom. Few dangers threaten her, since a devoted and mighty security patrol watches, ever alert, ready to do instant battle with any foe.

Well, maybe not so mighty, but certainly devoted.

But none of us is about to do battle with this security force. Though he might be a featherweight, our Canada goose gander patrol packs a power greater than his slight poundage might suggest. And he's powered by a short-tempered fuse, easily sparked by the slightest intrusion.

If our calculations — based on a gestation chart from one of my prized almanacs — are correct, there should be goslings afloat on the big pond within a week. The "island" we wrestled some weeks ago onto pilings in the center of the pond is about to produce its first harvest.

We were pretty certain of the goose couple's acceptance of the mid-pond nesting offering when they began physically and verbally (do geese verbalize?) running off anything that got even close to their chosen homesite. That included other geese, a couple of Mallard pairs scouting nesting niches, humans setting foot anywhere near the pond bank, and even passing tractors.

Consider, if you will, the frustration level of a lovesick goose declaring war on an International 806.

Mrs. Goose, meanwhile, sits tight on the raised wooden-pallet platform decorated in camouflage cornstalks, bushy branches and soft grass, stretching her long, black neck to peer warily at visitors. She leaves the nest only briefly, to preen in the water and partake of pond-bottom fast food. Her protective mate, we believe, spends his nights on the "porch" of the nesting platform, moving in early morning to the pond's south bank, where the farmstead can be watched for potential pond pests.

Not all our nesting mothers have such a support system. But then, not all are quite as selective about homesites, either.

On a recent morning, I bent to yank a bale of straw from up in the mow of the bank barn and came face to face with the lavender guinea hen. In typical guinea fashion, she hunkered down on so many eggs that a few spilled beyond the reach of her feathers.

Two, roosters we figure, regularly screech and squawk every evening on their way to roost in the old barn. That leaves two of the flock of five unaccounted for, probably hens hidden somewhere on their own caches of eggs.

Less secretive are the bantam hens, more stubborn than sensible about nesting. With all sorts of cozy, safe, hidden niches around the place, they'll pick some senseless location like the middle of an in-use hay rack or a bare cement corner of a feed alleyway.

When he learned that a neighbor was pitching out eggs being laid by his pet wild turkeys, the Farmer acquired a few to relocate under our broody bantams. One little chicken has cooperatively assisted, remaining faithful to a nest of oversized substitute eggs. But the other has, twice, fled the sheltered, straw-cushioned site he provided to go sit on a flat, bare, exposed spot she had originally chosen. And not a single egg anywhere near it.

Even more amusing is the feathered dynamo that began depositing one small, brown egg every day in the grain feed cart. Each evening, he would remove the hen's contribution as he fed grain; and every morning, there'd be a new replacement.

After having contributed well over a dozen truly-farm-fresh eggs to the kitchen refrigerator, she now continues to sit in the corner of the cart, hatching a patch of dusty grain-cart floor. The temper tantrum she throws nightly on her ejection from the feed cart is loud and long.

If chickens swear, we've no doubt been called every poultry cuss word imaginable.

Cook's Question

(Continued from Page B8)

ANSWER — Fay Bordner, Hummelstown, wanted recipes for blueberry or strawberry syrup for pancake toppings. Thanks to Carolyn Gutshall, Carlisle; Anna Brubaker, East Earl; and Mrs. Austin Hough, Sussex, N.J.; for sending recipes.

Blueberry Sauce

Stir together:
- ¾ cup water
- ¼ cup sugar
- 1 tablespoon cornstarch

Add:
- 2½ cups blueberries
- 1 tablespoon lemon juice

Cook over medium heat for 1 minute. Serve hot.

For a quick dessert, toast slices of frozen pound cake, top with a scoop of vanilla ice cream and warm blueberry sauce.

Pancake Syrup

Wash all fruit or berries. Drain but do not dry. For each 6 cups berries, add 4½ cup sugar. Set in cool place for 8 hours or overnight. Stir well and place on stove. Cook until candy thermometer reaches about 220 degrees. It will take about 20 to 30 minutes. Stir often to prevent scorching. You can remove fruit or strain, then reheat and ladle into hot sterilized jars. Contributor prefers to leave fruit in syrup.

When USDA Issues A Recall

You turn on the radio or TV and hear the announcer say "The U.S. Department of Agriculture recently announced a voluntary recall of XYZ pasta and meat balls in 8-ounce cans..." This is a "product recall," but what does that mean?

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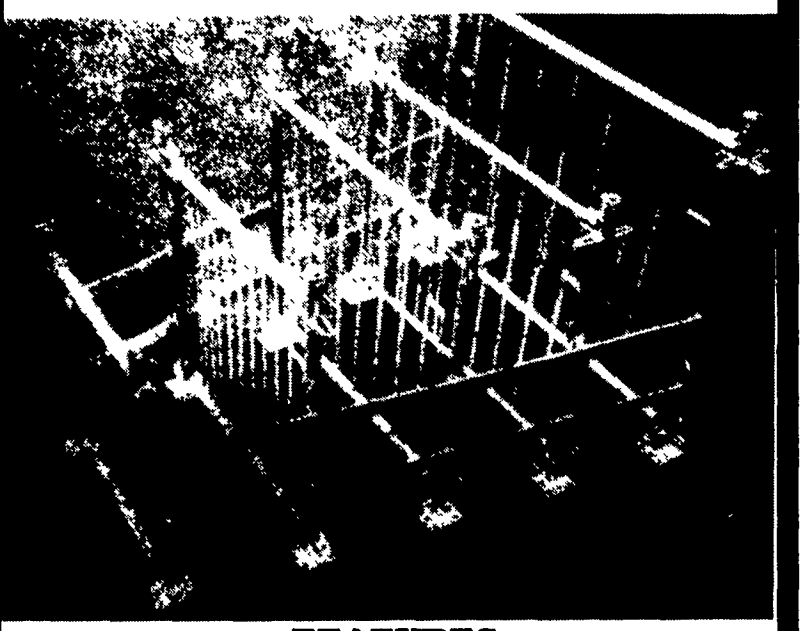

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Kid's Korner

Life On Lititz Farm Recorded In Books

Daren and his mother Elaine sit on the stone fence that separates the meadow from their lawn.

Daren plays in the Hammer Creek that slices through their 115-acre farm in Lititz.

LOU ANN GOOD
Lancaster Farming Staff

LITITZ (Lancaster Co.) — How do you know that it is springtime? Or, is it summertime?

If you are as observant as Daren Good, you can soon discover that answer.

Daren is seven years old, but when he was three years old, his mother, Elaine, observed how excited he became as he saw signs of spring.

One day, after playing with his toy tractors in the dirt, Daren came into the house. He was filthy from head to toe.

When Daren saw his dirty clothes, he was afraid his mother might scold him.

Instead, she said, "That's o.k., Daren. That's what happens when it's spring."

After that Daren and his mother noticed many signs of springtime and together they would chorus, "That's what happens when it's spring."

Elaine wrote about the things that Daren discovered and had a book published, "That's What Happens When It's Spring!"

The book is filled with whimisical, colorful pictures that show fun things happening. The book was illustrated by Susie Shenk Wenger.

The book was so much fun to write that Elaine wrote another book called "It's Summertime!"

The book tells about running barefooted across the soft, cool grass. It tells about making hay, picking peas, feeding heifers that lick your nose. It tells about swimming in the creek while the heifers watch.

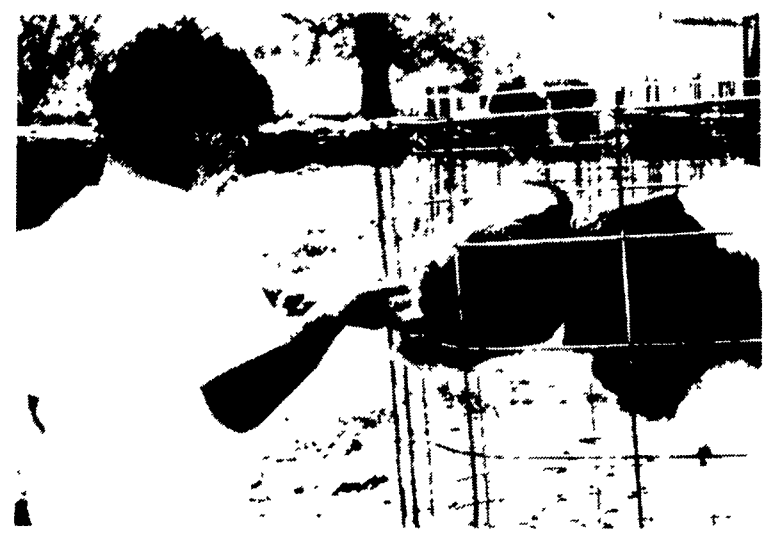
One page reads: "Today we let the cows go into the meadow. After being in the barn since late fall, they gallop, jump, and butt into each other, kicking as if there were springs in their feet! There's no time like summertime!"

"It's about all the things of which country kids are familiar — canning and thunderstorms and sweet corn shared with a friend." Elaine said.

City kids also like the book because it tells them about life on the farm.

Naturally, Elaine is also writing one about fall and another about winter.

The books are written for ages 3 to 8, and both can be purchased at local bookstores or by calling collect if you live in Pennsylvania (717) 768-7171. If you live outside Pennsylvania, call 1 800 762-7171.



Sometimes a calf is not content to lick Daren's finger. Instead, she licks him on the nose.

Elaine Good shows off the two books she has written in response to watching her children grow up on the farm.

Daren spends a lot of time with his dog and helping his dad, Leon, on the farm. In the books, Daren and his brother and two sisters, Lee, 20; Juanita, 17; and Crystal, 14; are given fictitious names.

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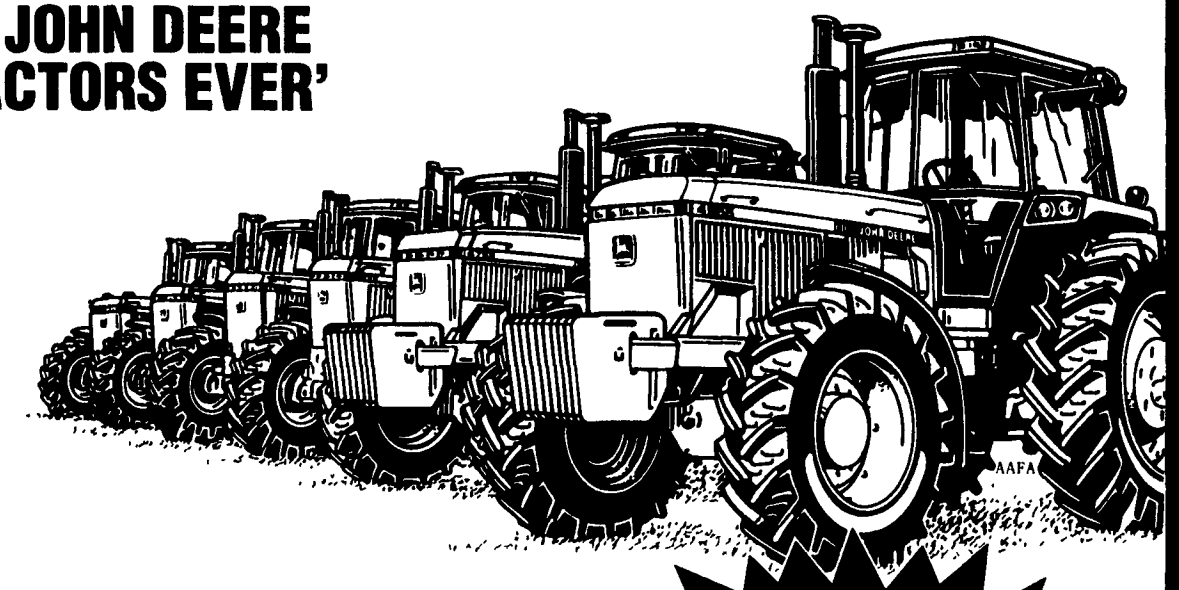

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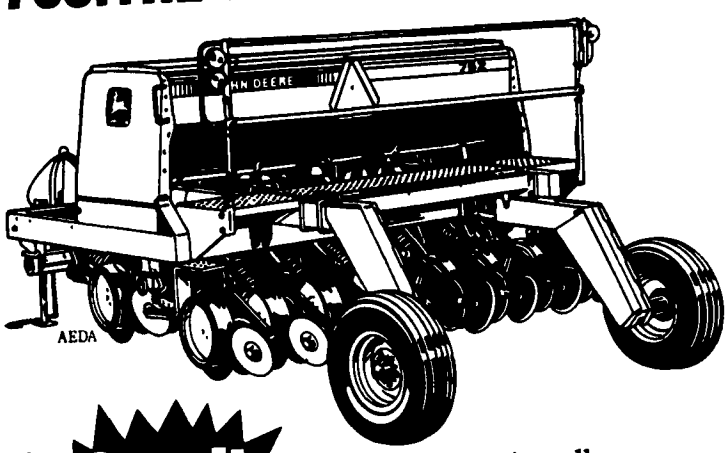

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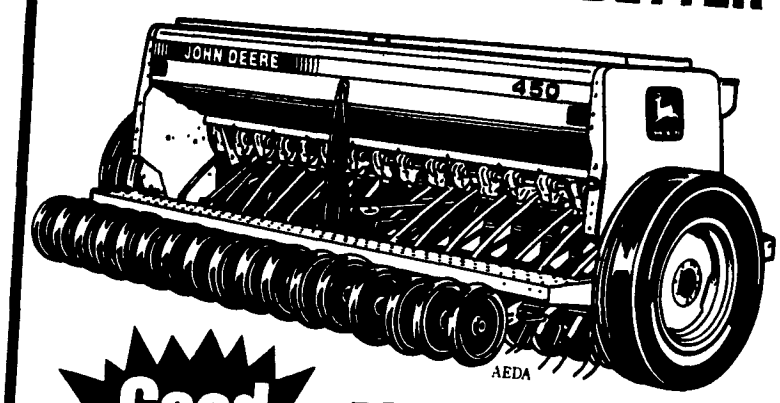

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Choose Ethnic Cuisine With Care

UNIVERSITY PARK (Centre Co.) — Does a walk through your supermarket reveal a variety of hot peppers, jicamas and chayotes, ginger root, bok choy and pea pods in the produce section; Jewish ryes, pumpernickel, pita and French bread in the bakery section; and pierogis, tamales, burritos, cannolis and egg rolls in the frozen food section? The market for ethnic foods has grown rapidly over the last decade, and market analysts predict it will continue to grow.

Ready to bake pizzas lead the pack in the ethnic convenience food market, but analysts predict big growth for freshly prepared ethnic foods and ingredients as well as frozen convenience-food entrees. Restaurants are often the place we learn to enjoy these "world tastes." Now the food industry is providing similar ready to prepare ethnic entrees that consumers can fix at home.

However, selecting healthy, low calorie, fat and sodium dishes from restaurant menus or the frozen food section requires some knowledge of how these dishes are prepared. Here are some guidelines:

Italian — Northern Italian dishes typically contain butter or cream sauces, while southern Italian dishes feature olive oil and tomato based pasta sauces. Dishes from either region can be high in fat, especially if cheese is used in the recipe. The calorie conscious should avoid fettucini Alfredo, lasagna, canneloni, antipasto, and buttery garlic bread. For instance, a serving of canneloni can contain over 800 calories. Wiser choices include pasta primavera, cioppino (seafood soup), seafood or pasta in red sauce, minestrone soup, plain Italian bread or breadsticks, and fruit ices for dessert.

Chinese — Although Chinese dishes can be low in fat, many regional dishes rely on deep frying to cook the meat. Don't be afraid to ask your waiter how a dish is prepared.

Simple appetizers may contain considerable hidden fat. If you are served crispy noodles with duck sauce for an appetizer, you might skip them; they are similar to eating potato chips with jam. Also skip crispy fried beef, moo shu pork, fried won tons, sweet and sour pork and fried rice if you want to avoid excess calories and fat. Instead, concentrate on eating generous amounts of rice with your main dish, moo goo gai pan, won ton soup, and steamed dumplings. You can ask the Chef to reduce the amount of soy sauce to control your sodium intake. Then don't add it from the dispenser on the table. Fortune cookies make a good dessert at only 19 calories each.

Mexican — The rule of thumb to hold down the calories is to keep it simple. Traditional Mexican food does not use much cheese, but beans are often refried in lard. The addition of guacamole, cheese and sour cream pile on the calories. So emphasize the salsa, tomatoes and lettuce on your fajitas, enchiladas and tacos. Choose corn tortillas instead of flour as they have one-fourth of the fat. Avoid the fried items like chimichangas, crisp tacos and sopapillas. Eat your tortilla chips with salsa instead of guacamole, Choose soups like gazpacho and black bean soup instead of nachos. Have a flan occasionally for a treat, but not as a regular item.

Three Vie For Chester County Crown

ATGLEN (Chester Co.) — Three talented young ladies are preparing for the Chester County Dairy Princess Pageant. Scheduled for June 2, at the West Fallowfield Christian School, Atglen, the pageant will begin at 7:30 p.m. The contestants are Renee Robinson, Oxford; Stacey Stauffer, Cochranville; and Laurie Hicks, West Chester.

During the competition, the girls will be judged by a panel of three judges on appearance, personality, poise and dairy knowledge during promotional presentations.

Renee Robinson is the sixteen-year-old daughter of Howard and Janet Robinson, Catamount Rd., Oxford. The youngest of five children, Renee works on the 70-acre family farm 30 hours a week. The majority of the 50 head of dairy cattle are Holstein, of which 37 are milked. For twenty-two years, the Robinson have been farming corn, alfalfa, and rye.

Renee is active and enjoys many different recreational sports, as well as communicating with others and enjoying nature. Currently at school, Renee is involved with the yearbook staff, prom committee, cheerleading, senior chorus and Educators Club. She is secretary for the drama club and also her church youth group.

This summer she will help with the Bible School children and this fall continue her education at

Laurie Hicks

Stacey Stauffer

Renee Robinson

Oxford Area High School as a senior.

Stacey Stauffer is the sixteen-year-old daughter of Terry and Nancy Stauffer, Ross Fording Rd., Cochranville. The younger sister of one brother, she plans to help this summer on the family's 106-acre farm where corn and alfalfa are grown. Stacey owns one of the 60 Holsteins on Maple-Hall Farm where 40 are milked twice daily.

This fall Stacey will enter the 11th grade at Octorara Area High School where she is involved in band as a majorette. She participates with the SADD (Students Against Drunk Drivers) Environmental Club. Besides school activities, Stacey is active in her church, singing in the choir, teaching Bible School and serving as president of the youth group. Stacey's hobbies center around her school and church activities, consisting of playing piano and flute, twirling baton and organizing youth activities.

Laurie Hicks is the seventeen-year-old daughter of John and Linda Hicks, Paoli Pike, West Chester and the oldest of five children. Laurie will be a senior this fall at West Chester East where she's in varsity soccer and varsity track. She's also a member of the National Honor Society, French National Honor Society, SADD and Key Club, as well as Homecoming committee, prom committee and Penn State Dairy Bowl.

Laurie enjoys horseback riding, Girl Scouts, reading, counted cross-stitch, and sports, when she's not working part time at Pizza Hut.

Llandney Limited Farm contains 172 acres with the principal crops being corn and soybeans. Lauri is involved in 4-H and owns two Holsteins, which she enjoys showing at dairy shows.

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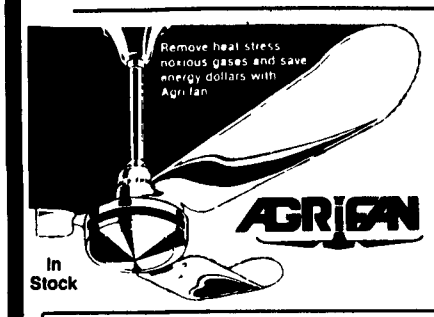

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Farm Women Societies

Berks Society 9

Group #9 of the Berks County Society of Farm Women met on Wednesday, May 2, at 7:00 p.m. in the home of Sue Hendricks of Amityville. Eight members were present for a demonstration on decorative garnishes given by chief, Steve Beard from the Windows on the Square Restaurant in Reading.

The next meeting will be held in the home of Kim Casner. The guest speaker for the evening will by Larry Killeen from Conestoga Telephone Co.

Lancaster Society 15

Lancaster Farm Women #15 met on April 19 in Quarryville at the home of Vera Herr. Hostesses were Jean Ressel, Jessie Trimble, Bonnie Herr, and Alma Clendenin, who served dessert refreshments, followed with devotions by Jean Ressel with spring thoughts and Easter symbols. Twenty-three responded to roll call be telling their favorite nature spot. President Colleen Shoemaker reported $564.83 had been cleared at the Herney Ferguson sale from the #15 food table. H. Bruce Hellerick from the Lancaster County extension was introduced. He spoke and showed slides on floral gardening. It was voted in favor of "The Homeless" as a county project. The president reminded all of the spring rally in Carlisle May 23, invitation to be guests of Fulton Grange April 23, and to entertain at Conestoga View on May 17.

Penn Dairies Announces Plans For Ice Cream Festival

LANCASTER (Lancaster Co.) — Penn Dairies, Inc., has announced that Lancaster's summertime tradition will continue as the company celebrates National Ice Cream Day by sponsoring the Seventh Annual Pensupreme Ice Cream Festival on Sunday, July 15, to benefit the Library System of Lancaster County.

Penn Dairies, Inc., Lancaster-based processor of Pensupreme dairy products, is celebrating its 100th anniversary and will have added festivities for all to enjoy at this year's festival. Penn Dairies will again organize the gala event, underwriting festival expenses and donating all proceeds to the library.

The festival is set for the third Sunday of July, which is National Ice Cream Day. Based on last year's festival, some 10,000 people are expected to attend the festivities in Lancaster Square from 1:00 p.m.-5:00 p.m. A variety of entertainment and family-oriented activities are scheduled for the event.

Last year volunteers dipped some 600 gallons of Pensupreme ice cream for the festival crowd.

The library is seeking volunteer entertainment for the festival. Those interested should contact JoAnne Foss, children's librarian, at 394-2651.

Lancaster Society 34

Farm Women #34 met on April 16 at Eldreth Pottery in Tayloria to tour the pottery factory. We watched pottery being made and fired by the unusual salt glaze process. Our chance-off was won by Shirley Herr, who was later inducted into our society.

Our next meeting will be held May 21 at the Farm and Home Center, when we will entertain Farm Women #1.

Win A Cow With Dairy Recipe

EPHRATA (Lancaster Co.) — Dairy Month is coming. To celebrate the annual June event, Lancaster Farming again offers to publish your favorite dairy recipe. And that isn't all — you can win a prize for sending in your recipe.

Prizes are cows — not real ones — but those endearing ones that appear on plaques, rugs, pillows, and more.

Select your favorite recipe that requires at least one dairy product. Be sure to include your name, address, and phone number with your entry. We'd also enjoy hearing about you or your family. If possible, include a picture. But neither a picture nor a write-up is needed to enter the contest.

To be eligible for the drawing, your recipe must be postmarked by May 31. One entry per household.

Pennsylvania Dairy Princess Anne Marie Mitchell will draw the winning names from a milk bucketful of entries. If you send in a recipe by the postmarked deadline, your name is guaranteed to be entered in the drawing.

Send your recipe to Lou Ann Good, Lancaster Farming Dairy Drawing, P.O. Box 609, Ephrata, PA 17522.

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Students Compete In York Envirothon

JOYCE BUPP
York Co. Correspondent

DALLASTOWN (York Co.) — Building of a municipal sewage plant is proposed on a location behind the local Rock and Roll High School. The proposed site is dry in summer, but shows evidence of being an acquatic site over most of the year. Now, RAP-MUSIC (Rescue Acquatic Plants — the Movement of Unflappable Students In Collusion with the Environment) is out to determine if they can halt the sewage plant by having the area declared a wetlands.

R. Lee Irwin, right, explains to Envirothon contestants the types of soils normally found in a wetlands area.

That was a hypothetical problem posed to 65 students from nine high schools who competed May 9 in the 5th York County Envirothon. The RAP-MUSIC hypothetical situation was part of a current events exam on wetlands taken by the 13 teams of participants in the Envirothon. Other "stations" set up on the grounds of the host Isaac Walton League dealt with forestry, soils pit and soil land use and management, acquatics, and wildlife.

Top overall high scorer Eric Jordan of Red Lion High School topped four of the five contest categories. Winner of the soil category was Andrew Rittenhouse, also of Red Lion. David Hively and Colby Mackley, Red Lion contestants, were high in two of the three forestry categories.

Overall winning team was the Red Lion RoadKills. Team members will represent York County at the state contest scheduled for June 23 at the Bald Eagle State Park in Centre County.

"The purpose of the Envirothon program is to develop a greater awareness of our natural environment, of man's dependence, and the impacts of man's activities on the environment," said Mark Kimmel, manager of the York County Conservation District. "Hopefully this program will motivate students to learn more about the environment and become responsible, environmentally aware adults."

Side benefit to the 65 participants, selected on knowledge, environmental awareness, and interest, was the opportunity to learn and compete in an outdoor setting on a warm spring day.

"It's good to be outside at a place like this," said first-time contestant Amy Christine, a team member from William Penn High School in downtown York. "We're from the city and don't often have a chance to do something like this."

Teams participating in the Envirothon from the county were from William Penn, Red Lion, Spring Grove, Dover, Kennard Dale, Northeastern, Northern, Central, and Red Lion high schools.

Bob Fink, a junior from Northeastern, studies displays used in quizzing at the wildlife station of the Envirothon.

Envirothon contestants study layers of deposits in the soils pit.

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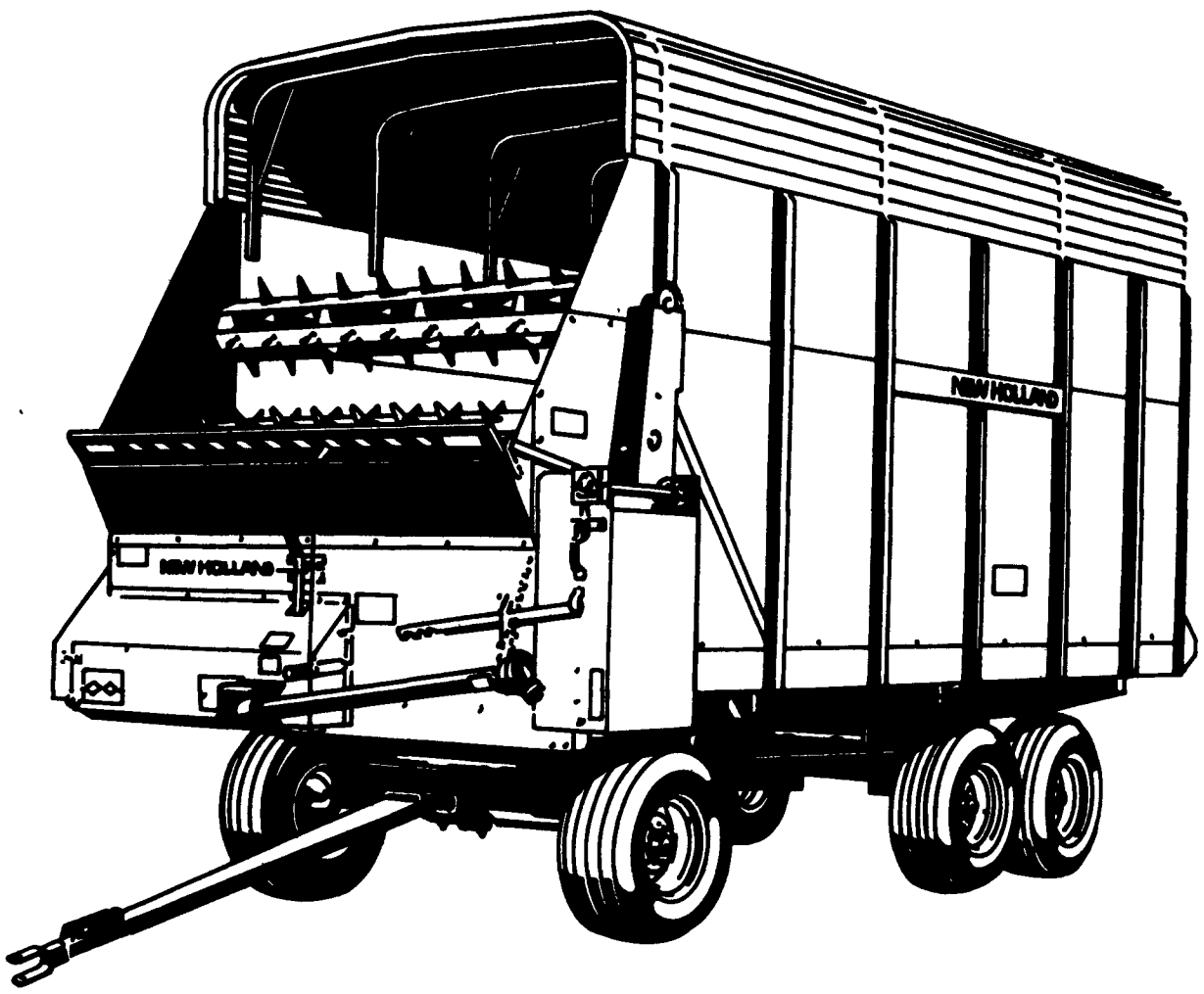

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New Profits Possible From Fainting And Cashmere Goats

LOU ANN GOOD
Lancaster Farming Staff

SELLERSVILLE (Bucks Co.) — When it comes to animals, Dawn Jermigan likes the unusual. On her 13-acre Sellersville farm, she raises both Fainting and Cashmere goats.

"Fainting goats are small, wonderful, gentle, and have a mild temperment," Jermigan said.

The Fainting goats are pigmy size, come in all colors, and breed year around, but the most unusual thing about the rare breed is that they actually faint when frightened.

This happens from a genetically myatonia condition that causes the goats' muscles to become very hard and stiff when frightened. Generally, they stiffen up in the rear legs and are unable to walk for a few seconds, but if badly frightened, the whole body stiffens and they fall over and are unable to get up for a few seconds.

The breed, which originated in Tennessee during the 1880s, became almost extinct. One of the reasons for their declining numbers resulted from farmers who place the Fainting goats with their sheep flocks. When coyote attack, the goats faint and the predators attack them instead of the lambs.

About five years ago the Tennessee Fainting Goat Association began promoting and registering the breed. The numbers have increased rapidly and about 600 are now registered. But the most important thing is that people are recognizing the breed for their gentle qualities as pets and they now carry a $300 price tag.

"People usually buy them in pairs," Jermigan said. "Otherwise, the goats cry. They do not make good solitary animals."

Jermigan had begun raising dairy goats about 15 years ago. "It was when homesteading was popular and I wanted to live off the land," she said.

But she soon discovered that required too much work so, by day, she works as an executive secretary, and in off hours, she concentrates on raising good looking animals that she displays on the show circuit.

"I can raise five Fainting goats on what it costs to raise a dairy goat," she said.

Currently, Jermigan has 10 does and 4 bucks of the Fainting goats.

In addition to raising them for breeding animals and for pets, she is crossbreeding them to raise cashmere.

Cashmere goats

Recently Jermigan imported a black Cashmere buck from Australia and some crossbred does. In June, she will be getting some white Cashmere does from Australia.

According to Jermigan, U.S. cashmere processors had been importing cashmere from other countries. The industry could not find enough cashmere to meet the demand. In some cases the government gave grants to Cashmere breeders to test the feastibility of having a U.S. cashmere industry.

Jermigan believes that cross breeding Cashmere and Fainting goats produces at high quality cashmere. Goats are graded for the cashmere they produce on a scale that ranges from 15 to 18 microns, with 15 being the finer cashmeres.

"My goal is to breed quality animals with a fine micron count and good yields," Jermigan said. "To do this I will use my buck, Moonlighter, who has a fine micron count of 15.13, as well as using artificial insemination with semen from some of the best Australian bucks."

Although Cashmere goats can be crossed with various breeds, Jermigan cautions that mixing and Angora and Cashmere breeds makes the fleece worthless.

Once a year, usually in the spring, Jermigan collects the cashmere hair by combing or by sheering. The fine cashmere is protected by guard hairs, and if sheered the cashmere fleece must be dehaired.

Cashmere processor

Forte, a luxury wool processing company, guarantees to purchase all cashmere produced in this country during 1990. They pay $45 per pound for cashmere with a micron count under 16. Cashmere with a micron count of 16 to 19 receives a $35 payment.

Hugh Hopkins, Forte general manager, said it is important that producers realize these prices are for cashmere only. Fleece that is sent in is dehaired. If someone sends a two pound fleece, it may weigh only one pound after it is dehaired. Hopkins said, they will reimburse farmers for any amount of cashmere even one handful and there is no charge for those who want them to critique a fleece.

The Fainting goat breed has gained popularity among pet lovers who find that the small, sweet-tempered goats make excellent pets.

Primarily, the world's cashmere is produced 50 percent by the People's Republic of China, 25 percent by Outer Mongolia, and 25 percent by Iran and Afghanistan with fringe amounts produced in Australia and New Zealand.

Four years ago, Forte, a 62-year-old company that began in Boston, looked at U.S. goats particularly in Texas and found that the wild Spanish meat goat was producing significant quantities of cashmere.

In an effort to develop U.S. markets, Forte purchased some Spanish goat fleeces to extract the cashmere.

In an effort to improve the cashmere, a few people imported Australian goats and crossbred them with other breeds.

Last year, Forte looked at 850 fleeces. They rejected 130 fleeces and ended up with 65 pounds of cashmere.

This year, so far, they have looked at 2,000 fleeces and rejected only 10.

"The people have a better understanding of what we are looking for, and we are finding magnificent, domesticated goats that are producing far better cashmere than that imported," Hopkins said.

At the same time, Hopkins cautions, "Cashmere growers survive only if cashmere is not the predominate source of income. Fortunately, the U.S. has a strong goat meat market and if producers sheer the goats before selling to the meat market — that is money in their pockets."

Some farmers combine wool growing with grazing. "Goats are fantastic weed eaters," Hopkins said. "Since herbicides are frowned upon, many are looking to goats to control weeds. In fact, in some western states the government is paying a bounty for people to use goats as weed eaters."

Although Hopkins is not aware of goats being used for weed control in the East, he is optimistic of research breakthroughs. He said, "Through experimentation, farmers may find goats can control weeds in the East. Research is changing the industry."

Dawn Jermigan holds one of her Fainting Goats.

For those considering raising cashmere goats, Hopkins encourages them to join Cashmere Producers of America, P.O. Box 443, Longmount, Col. 80502.

Of those interested in entering the cashmere market, Hopkins said, "Research, learn all you can about the industry. Unfortunately there are too many looking for a quick dollar that want to get in and get out of the market quickly. It won't happen that way."

Forte offers to send farmers an informational packet for potential producers to examine. Send to Forte, P.O. Box 869, Woomsocket, R.I. 02895, or call (401) 762-2000 or fax 401 769-9645.

Moonlighter, a black Cashmere buck, will be used for breeding stock and to produce cashmere wool.

Although this goat appears dead, it has only fainted for a few minutes.

Kay Zeosky, WIFE Spokeswomen Speaks Out

(A letter to the House Subcommittee on Livestock, Dairy and Poultry, Jan. 10, 1990):

My name is Kay Zeosky of New York. I am a dairy farmer and the national dairy chairman for Women Involved In Farm Economics (WIFE).

Our present prices are the result of a huge amount of suffering by many, many farm familes. Some struggled with decisions to exit the business through the buy-out, while the rest of us struggled to keep going in the face of huge assessments. Many didn't survive. Every one of these families left with no health insurance, no retirement, and no unemployment. They will never recover their self-esteem. It will take years of hard work for the rest of us to get back to the place we were before the 1985 Food Security Act. Now every auction is our part of the state involves shuffling 15- to 20-year-old machinery from farm to farm.

In creating this next farm bill:

PLEASE LISTEN. We cannot survive under the dairy portion of the 1985 farm bill. Most of our next generation of farmers is gone. They have given up the wait and have followed their peers into jobs with fringe benefits and vacation time that our farms could *never* be able to provide for them.

PLEASE BE HONEST. If we have six million pounds of butter in reserve, then say so. Don't play games with the figures. Count total solids. If you put more farmers out of business with these contrived figures, milk will be a food that only the well-to-do can afford. Every one of us needs strong bones and teeth.

PLEASE BE FAIR. Even though enough food should be everyone's birthright, don't continue a farm bill that makes farmers bear the cost of feeding the poor. Tying our support price to these programs is not right. Each farmer releases 78 people to do other work. That is what gave America the highest standard of living in the world. Your only charge is to provide consumers with a plentiful supply of cheap food, but the farmer who provides that food should not be condemnded to a lower standard of living than the people who consume it. How many people do you know that put in 70 to 80 hours per week, have their wives and children helping, and are living on the same income they earned seven years ago?

PLEASE BE SENSIBLE. With almost no dairy reserves on hand, now is the time to provent the buildup we have experienced in the past. WIFE believes in supply management, but farmers should not be tied to unreasonably low herd averages or penalized for bad luck.

PLEASE BE SMART. Maintain Section 22 of the Agricultural Law. A nation without the ability to feed itself has given up its freedom. If other countries share in our markets, they should be required to pay advertising costs and any other assessments borne by domestic producers in addition to meeting the same inspection standards. Dairy farmers are a very small percentage of the population. We have absolutely no political power. During these past seven years, we have not even been able to sell out. No one will invest in a non-profitable business. Our farms are our life's work and our only retirement. It is an unusual occupation with no sick leave and very seldom a day off. Without a margin of profit, we can't compete for labor with other businesses.

WIFE recommends legislation requiring that a quota be established for casein; there be a ban on BGH until more long-term research is done; coupons be given to allow recipients to purchase fresh dairy products; there be constant refrigeration of school milk; larger containers of milk be provided for junior and senior high school students; farmers be paid on the basis of non-fat solids; advertisements using pictures of dairy cows contain real dairy products; and imitation dairy products not be displayed in the dairy case and be clearly labeled as non-dairy products.

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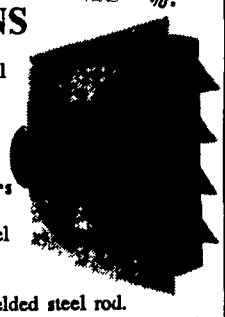

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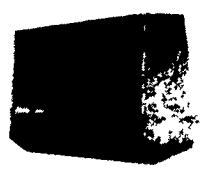

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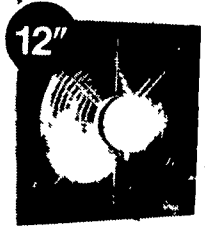

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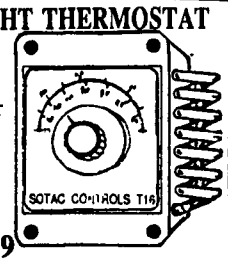

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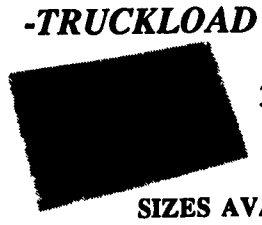

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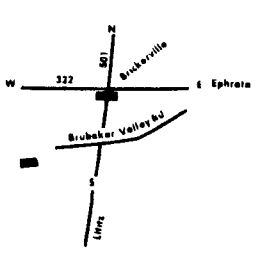

4-H HAPPENINGS

4-H Capital Days

The 1990 Pennsylvania 4-H Captial Days program was held April 23-24 at the Holiday Inn, in Harrisburg.

Approximately 200 4-Hers from most of Pennsylvania's counties attended this two-day conference about state government. The Chester County delegation consisted of three 4-Hers — Noel Scheib, Phoenixville; John Rossomando, Glenmoore; and Megan Burnett, West Chester.

During the conference, the 4-Hers toured the Penn National Race Course at Grantville, with tour guide Ronald L. Solow, commissioner and state veterinarian. 4-Hers also toured the governor's home, and visited one of the following agencies or departments: environmental resources, game commission, agriculture, transportation, state police, commerce, crime and delinquency, community affairs, revenue, health, and education. A stimulation activity proceeded with role playing, such as creating a proposal and budget with a hypothetical $100,000. This activity enabled several commissioners to hear creative ideas from interested 4-Hers.

Concluding the day's activities was a banquet with the Pennsylvania "Friends of 4-H" and a dance and pizza party.

Two Students Receive Honors

Two Owen J. Roberts Senior High School students have received special honors from the Pennsylvania Governor's School for the Agricultural Sciences (PGSAS). Jennifer Jeitles, a junior, has been selected as a candidate, and Noel Scheib, also in 11th grade, was chosen as an alternate.

The PGSAS is a full-scholarship, residential five-week program for high school sophomores and juniors. Students must have outstanding abilities in science and a high interest in food, agriculture, or natural resources. Sponsored by the Pennsylvania Department of Education and the state's Intermediate Units, the 1990 session of PGSAS is to be held at Penn State University Main Campus from July 1 to August 4.

Selection was based upon grade point average and class rank in high school, letters of recommendation from science teachers, guidance counselors, and one other teacher or advisor who could best describe the student's current activities and abilities. Also needed was a personal essay describing the student's own interests and experiences in food, agriculture or natural resources. Also recommended for consideration were copies of the student's SAT or PSAT scores, and required was an official high school transcript.

Conodoguinet 4-H Sheep Club

The Conodoguinet 4-H Sheep Club met April 16 at Dickenson Township Building.

Members were made aware of the changes in the by-laws. They were approved and accepted.

It was announced that weigh-in for market lambs will be held June 2 at the Spring Preview Show, at Shippensburg Fair Grounds. More detail is to be provided during the club's next meeting.

Round-up is to be held Friday night during the Carlisle Fair.

4-H Toastmaster's

The 4-H Toastmaster's Public Speaking club recently held their final meeting and dinner at Loyalsock Township High School.

Attending from the Williamsport Toastmasters were Bill Hague, Paul Troisi, and Joy Walls.

Officers for the evening were club President Melanie Eck, Vice President Christie DeMorat, Secretary Erin Boring, Sergeant-at-Arms Nathaniel Bordy, and Toastmaster Yvonne Guillaume.

Formal speeches were given by seniors Christie DeMorat, Bill Klees and Melanie Eck. The junior speakers were Melanie Jarrett and Erin Boring.

Seeing Eye Club

The Franklin County Seeing Eye Puppy Club met April 30 and held an outdoor training session along with a game for the puppies.

The business meeting was called to order by President Rebecca Snider. It was reported that the club fund raiser brought in $100 for the club.

In other business, club members planned a variety of activities for the coming months.

In May, teen leaders from the club will travel to Lancaster for a training session with seeing eye instructors. They will have the opportunity to take their puppies into a restaurant with them for lunch.

Also in May, the club will participate in the Shippensburg Memorial Day Parade. In June, two teams of four will be representing Franklin County in the Pennsylvania Seeing Eye Puppy Bowl.

In July, the club plans to be participating in the Frontiers Day Parade at Fort Louden.

4-H Capital Days was held on April 23 and 24, 1990, at the Holiday Inn in Harrisburg. Dauphin Co. 4-H members are, from left, Floyd Buffington of Millersburg, Jayanna Kopp of Middletown, and Michelle Lea Ryan of Linglestown. They met with the Honorable Peter C. Wambach and the Honorable John J. Shumaker.

No-So-Ann Dairy 4-H

The No-So-Ann Dairy Club held it's organizational meeting on March 22 at the Fontana Community Building.

Krystal Sellers called the meeting to order.

Officers elected for 1990 were Kathy Mase, president; Jason Krall, vice president; Becky Elliott, secretary; Michelle Mase, treasurer; and Michelle Bushong, news reporter.

Named to the club Scrap Book Committee were Andy Martin, Kevin Sellers and Jeremy Mase.

In other business, project books were handed out and discussed.

The next meeting is to be held 7:30 p.m., May 24, at the Ken Sellers farm, where members will practice judging dairy cows.

LEBANON (Lebanon Co.) — The Lebanon County Tractor Club has added a new award to this year's offerings — a Farm Safety Award, but it's not just restricted to club members.

Open to all Lebanon County, the award is to be based on what was done and how farm families improved safety recently. The award will be presented during the club's tractor banquet.

In order to be eligible, each member has been asked to write a story or send pictures for judging on safety improvements done to the farm. Send entries to Fran Bushong, RD 4, Box 285, Lebanon, 17042.

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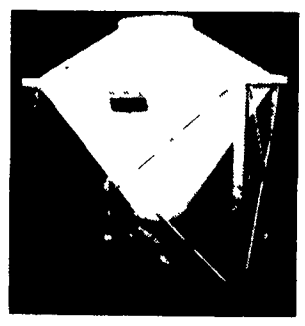

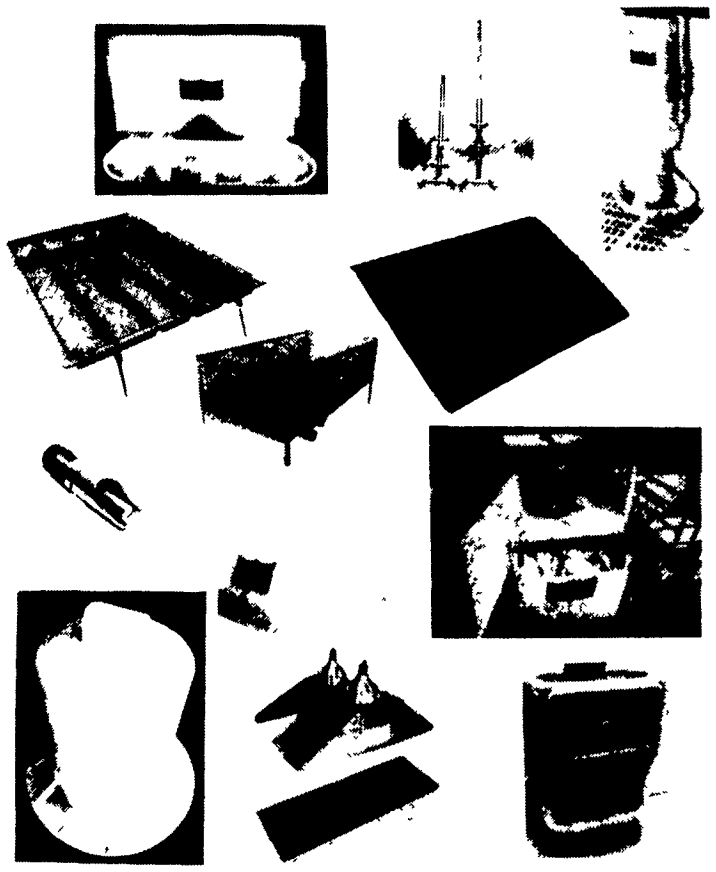

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Corn Yield Contest Rules Change

ST. LOUIS, Mo.— Improved moisture conditions in most areas of the U.S. have raised expectations among the nation's corn growers of a bountiful 1990 corn crop.

With early corn growing conditions the best in the past three years, a record number of entries are anticipated in the highly competitive 1990 National Corn Yield Contest, sponsored by the National Corn Growers Association (NCGA).

"More than 2,700 entries from 46 states competed for top state and national honors in last year's contest," said Rowe Sargent, chairman of the contest's advisory committee and a Bicknell, Indiana corn grower. "We could go over the 3,000 entry mark, if early entry response is an accurate indicator."

Sargent reminds corn growers of the contest's "early bird" deadline of July 1. The entry fee is $50 per hybrid per field if postmarked no later than July 1, or $75 per hybrid per field from July 2 until August 1, 1990.

All entrants must be NCGA members. If not, entrants must include the dues rate of their state of residence as listed on the entry forms. For entry forms and membership forms, call NCGA at (314) 275-9915.

1990 contest rules

Participants must enter a field of at least 10 acres in one of the seven contest classes. Once a field is entered in a contest class, it cannot be changed to another classification.

The seven contest classes include Class A Non-Irrigated, Class AA Non-Irrigated, No-Till Irrigated, No-Till Non-Irrigated, Irrigated, Ridge-Till Non-Irrigated, and Ridge-Till Irrigated.

Contest rules changes include:

• Non-Irrigated entries from North Carolina will compete in the A Non-Irrigated Class in 1990, rather than in the AA Non-Irrigated Class as in previous years.

• No-Till Non-Irrigated and No-Till Irrigated Class hybrid entries are considered no-till where the soil is left undisturbed from harvest to planting except for nutrient injection. Planting or drilling is accomplished in a narrow seedbed or slot created by coulters, row cleaners, disc openers, in-row chisels, or roto-tillers. Weed control is accomplished primarily with herbicides. Cultivation may be used for emergency weed control.

• Ridge-Till Non-Irrigated and Ridge-Till Irrigated Class hybrid entries are considered ridge-till where the soil is left undisturbed from harvest to planting except for nutrient injection. Planting is completed in a seedbed prepared on ridges with sweeps, disc openers, coulters, or row cleaners. Residue is left on the surface between ridges. Weed control is accomplished with herbicides and/or cultivation. Ridges are rebuilt with cultivation.

• A hybrid entry which uses mechanical or man-made irrigation must be entered in an irrigated class.

• Hybrids entered must be currently commercially available for sale.

• If the initial yield is 250 bushels or more, the second check or recheck supervisors cannot have participated in the initial or first check. These supervisors must be telephoned in and approved by the NCGA office. One of these two will be an NCGA appointed representative on the required recheck. To allow an NCGA representative to be present on rechecks on 250 bushels or more, you must notify NCGA at least two working days prior to harvest of the entry.

• NCGA will also field check the entries of all perennial winners from the past several years.

Recognition of winners

State and national winners in the 1990 National Corn Yield Contest will be honored during NCGA's Corn Classic, February 20-22, 1991 at the Allis Plaza Hotel in Kansas City, MO.

In addition, management practices of all state and national winners will be published in the fact-filled NCGA 1991 "Corn Yield Guide" sponsored by the American Cyanamid Company.

Forest Is Valuable Resource

LEESPORT (Berks Co.) — If you are one of 490,100 private forestland owners in Pennsylvania, you may be interested in a new video produced by the Pennsylvania Tree Farm Committee (PTFC).

"Good Forest Management: Steps to Success" can give you new insight to the possibilities that exist within your woodlot. With increasing demand for quality hardwood products, your forest is a valuable economic resource. By initiating proper management practices today, you can assure its economic productivity tomorrow.

Whether you are seeking wildlife enhancement, recreational opportunities, or cash income from your forest ownership, this video explains how proper woodland management can help you achieve your objectives. You'll learn how you may qualify to join the 1,800 existing members of the PTFC. As a PTFC member, a professional forester will help you define your objectives, help you set up management goals, and develop a forest management plan to achieve those goals.

Your guide in "Good Forest Management: Steps to Success" is a professional forester for the Pennsylvania Bureau of Forestry. He will lead you through a woodlot, showing firsthand the various harvesting techniques designed to improve the quality and productivity of your woodlot.

You'll also visit an active logging operation, see the effects that timber cutting has on a woodlot, and how these cutting operations actually enhance wildlife values and create those very special conditions so necessary for certain species.

"Good Forest Management: Steps to Success" is available for loan through your local county extension office. Call or write Berks County Cooperative Extension, P.O. Box 520, Ag Center, Leesport, PA 19533, (215) 378-1327.

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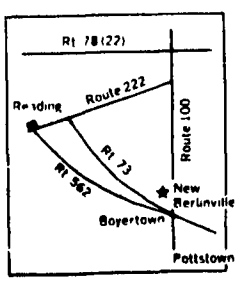

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State Rabbit Conference Scheduled

CREAMERY (Montgomery Co.) — The annual Pennsylvania Rabbit Conference has been slated for Saturday, June 9, 1990 at the Montgomery County 4-H Center in Creamery, Pa.

The event, sponsored by Penn State University, the Montgomery County Cooperative Extension and the Pennsylvania Rabbit Breeders Association, is open to all rabbit owners and features sessions for both the experienced and beginner producer.

The featured speaker for the experienced producers will be Dr. Terry Reed of Markle, Ind., who is a noted producer, author and former president of the American Rabbit Breeders Association. He will cover "Nutrition- What and Why" as well as "Conditioning for Show" during the morning session. In the afternoon he will do a workshop on "Diseases of Rabbits."

Also during the morning session, Diane Geitzenauer of Long Valley, N.J., will address the youth or beginner attendees with "General Care and Handling" and "Selecting the Right Rabbit for You."

Ms. Geitzenauer is a 4-H leader, A.R.B.A. registrar, state representative to A.R.B.A. and a Mini-Lop breeder.

In the afternoon, participants have a choice of attending any two of the six following workshops: "Angora Wool," "Update on Rabbit Equipment," "Basic Veterinary Skills for Rabbit Owners," "Genetics," "Tanning" and "Diseases."

Also planned are educational displays and a mini-trade show which will be open during the day.

Conference registration starts at 8:30 a.m. with the welcoming address slated for 9:15 a.m. The workshops conclude at 4:15 p.m.

The registration fee for adults is $10 per person, $5 for youth (ages 8-19) or $15 per family. Registrations are due by May 29th.

For more information and registration materials for the conference, contact Nancy Kadwill, County Agent, 1015 Route 113, Box 20, Creamery 19430 or call (215) 489-4315.

The Montgomery County 4-H Center is located on Route 113 in Creamery, one mile south of Route 73 near Skippack.

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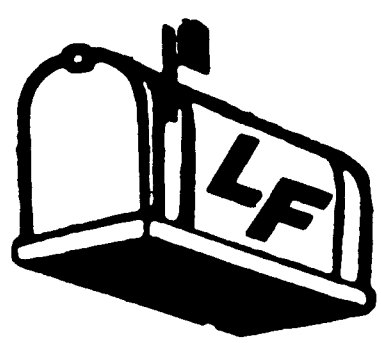

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1- Farm Equipment
1a- Construction Equipment
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5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
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36- Real Estate

1	2	3	4	5
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(Phone Numbers Count As One Word)

Yeutter Headlines 1990 Forum

WASHINGTON, D.C. — Secretary of Agriculture Clayton Yeutter will be the keynote speaker at the annual Farm Women's Leadership Forum, June 7-9. The forum is held each year in Washington, D.C. to help farm women become better informed on key agricultural issues and better prepared to deal with some of today's agricultural challenges. This year, the program will cover several hard-hitting topics like the 1990 Farm Bill, agricultural trade, food safety, and animal welfare issues.

Speakers at this year's Forum include key decision makers like Rep. Vin Weber and Assistant Secretary of Agriculture Jo Ann Smith. In addition, several workshops focus on how to deal with upcoming agricultural challenges like "How to take a proactive stance on the food safety issue" and a computerized seminar on "What it's like to be a Congressman."

The 1990 Forum will be held in Washington, D.C. at the Capitol Holiday Inn. The goals of the Forum: To provide useable information on legislative and regulatory issues which affect agriculture, to educate farm women about the political process with an emphasis on effective lobbying skills, to develop and "fine-tune" communication and media skills, and to encourage cooperation between all sectors of agriculture. Participation is open to the first 150 farm women who register.

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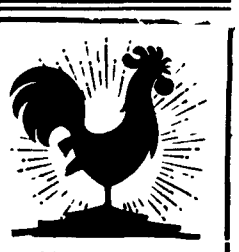

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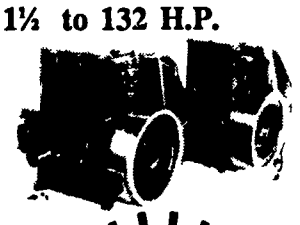

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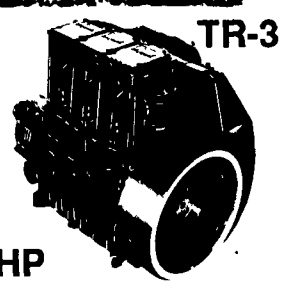

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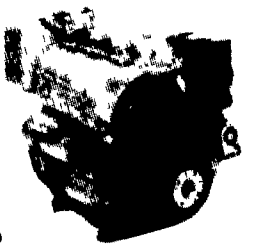

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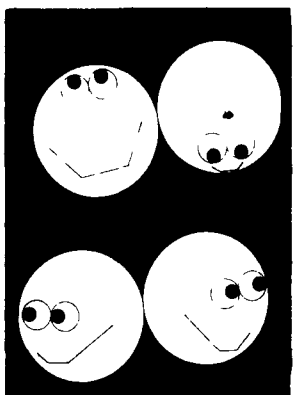

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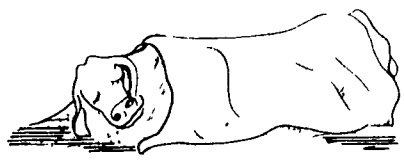

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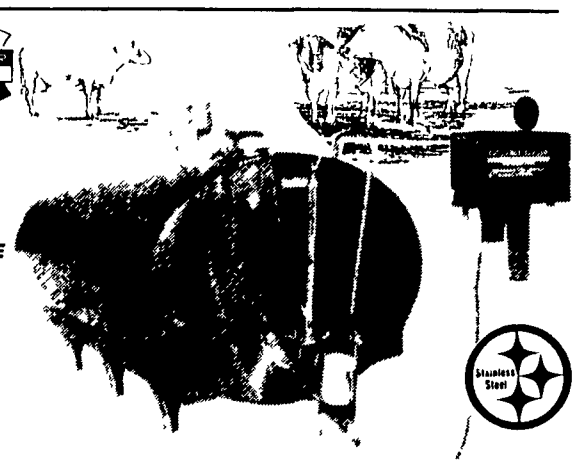

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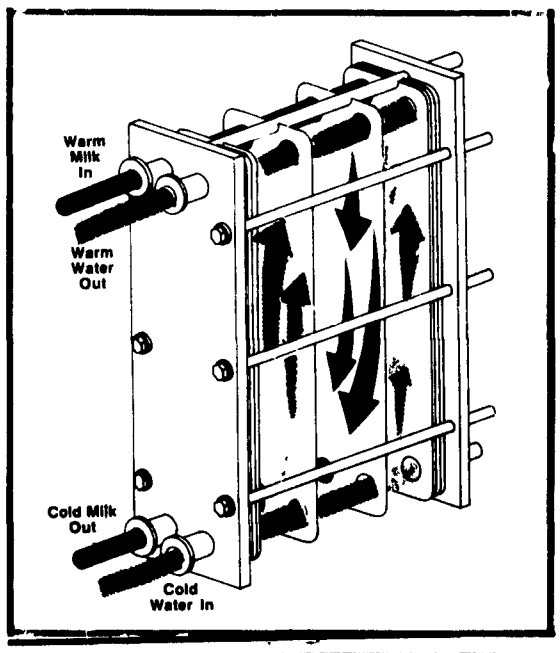

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- 600 Gal. Mojonnier
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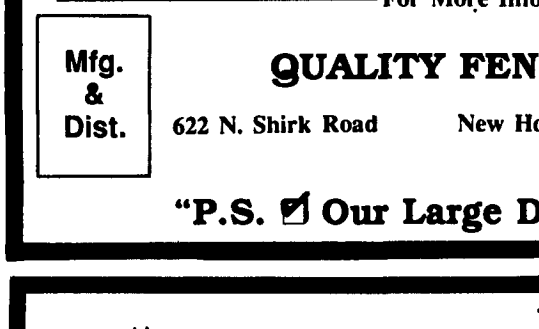

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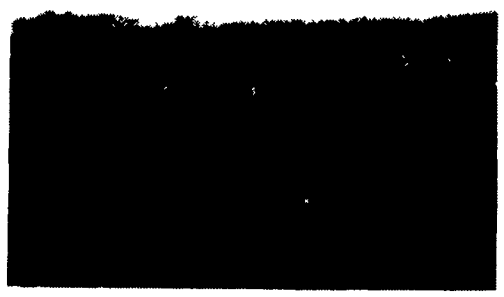

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Twin Valley FFA Awards Banquet

The 30th annual awards banquet of the Twin Valley FFA was held on Friday, March 30 at Twin Valley High School.

Chapter president Brian Beam and chapter officers opened the banquet with official FFA opening ceremonies.

Chapter advisor Ronald Frederick recognized Mr. and Mrs. Ralph Stoltzfus, who received the honorary Keystone FFA degree in January for having three sons who received the Keystone degree. Chapter officers then presented the honorary chapter FFA degree to the parents of Keystone degree recipients including Mr. and Mrs. Titus Beam; Mr. and Mrs. Martin Hassler; Mr. and Mrs. Richard Corley; Mr. and Mrs. Richard Readinger; Mr. and Mrs. John Pavlesich; Mr. and Mrs. Arthur Shantz; and Mrs. Susan Brungard.

Charles Dombay, principal of Twin Valley High School, presented proficiency awards to chapter members. Receiving awards were Chuck Stoltzfus for ag electrification and outdoor recreation; Kevin McVaugh for ag electrification, turf and landscape, and fish and wildlife management; Doug Shantz for ag electrification; Keith McGowan for ag mechanics, nursery operations, and turf and landscape production; Danielle Burke for ag processing; Margaret Yarmush for ag processing and ag sales and service; Mike Kurtz for ag sales and service; Ryan Ziemer for ag sales and service; Andy Mast for dairy production, diversified crops, and forage production; Joey Strause for floriculture; Kyle McVaugh for floriculture; John Rost for forest management, outdoor recreation, and fish and wildlife management; David Rost for forest management; MaryBeth Hassler for home improvement; Kendra Witman and Erica Hess for horse production; Brian Beam for sheep production and placement in ag production; Ryan Marshall for poultry production and extemporaneous speaking; Missy Toy, Ned Gardner, and Jason Mantz for poultry production; Eric Marshall for swine production and soil and water management; Kelly A'Hearn, Steve Pavlesich, and Ray Reinhard for specialty animal production; Tom Bernard and Robert Souder for fish and wildlife management; Jill Burkhart for public speaking; Kim Hubert for extemporaneous speaking; and Pam Harrison for specialty crop production.

Harold Dietrich then presented gold degree pins to this year's Keystone FFA degree recipients; Lisa Hopps, MaryBeth Hassler, Missy Fanning, Chuck Stoltzfus, Doug Shantz, Eric Marshall, Steve Pavlesich, and Brian Beam.

Dr. Fred McCoy, assistant principal of Twin Valley High School, then presented awards to record book contest winners. Students who received first place awards in county competition were recognized: MaryBeth Hassler, Danielle Burke, Jill Burkhart, Missy Fanning, John Rost, and Andy Mast. Medals were also distributed for state contest winners. First place awards in the state were earned by MaryBeth Hassler, Steve Pavlesich, Danielle Burke, and Margaret Yarmush. Other gold award winners were Brian Beam, John Rost, Ryan Marshall, and Andy Mast. Silver Awards went to David Rost and Danielle Burke. Bronze medals were presented to Kim Hubert, Mike Henderson, Lisa Hopps, and Missy Toy.

Middleburg FFA

The Middleburg FFA Chapter attended the 1990 Leadership Conference on Tuesday, April 17 at the Christ United Lutheran Church in Millmont.

Wayne Hassinger, 11, son of Wayne and Ellen Hassinger of R.D.#4 Middleburg, became the 1990-91 SUN AREA Advisor.

Andy Walter, son of Andrew and Carol Walter of R.D.#1 Middleburg, became the 1990-91 SUN AREA Reporter.

Chapter members attending from Middleburg were Dan Kuhns, Wayne Hassinger, Scott Folk, Andy Walter, Troy Leitzel, Ken Sims, Cory Willow, Richard Erdman, Allen Perkinson, Chad Hoffman, Rogert Zeigler, Levi Aurand, Danny Bobb, Boyd Martin, and Paul Hackenburg.

Other chapters attending the conference besides Middleburg were Penns Valley, Selinsgrove, Sugar Valley, Mifflinburg, Line Mountain, Danville, and West Snyder.

Middleburg FFA Chapter

On April 26, the Middleburg FFA Chapter's Parliamentary Procedure Team traveled to Danville High School to compete in district competition.

The Parliamentary Procedure Team, which consists of Paul Crawford III, Dan Kuhns, Roger Zeigler, Duane Smith, Kurt Sprenkel, Cory Willow, Rick Erdman, and Allen Perkinson, placed first in the five county eliminations.

Wayne Hassinger also received a first place for the Middleburg FFA Chapter in the extemporaneous public speaking contest.

The Boonesboro FFA Chapter took second place in the Maryland Horse Fair FFA Horse Judging Contest. Members of the Boonesboro team from the left are Courtney Myers, Sue Lowery (coach), Stephanie Wilt, and Melanie Waechter.

Maryland FFA Horse Judging Contest

The Oakland FFA Chapter had the first-place team in the state FFA Horse Judging Contest held during the 1990 Maryland Horse Fair on Saturday, April 21, at the Prince George's County Equestrian Center.

The high-scoring individual for the contest was Stephanie Wilt, FFA member at the Boonesboro FFA Chapter.

The Southern Maryland Quarter Horse Association sponsored the contest, a special project of the

Maryland FFA Foundat
Boonesboro FFA Chap
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mixed class.

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Contestants were asked
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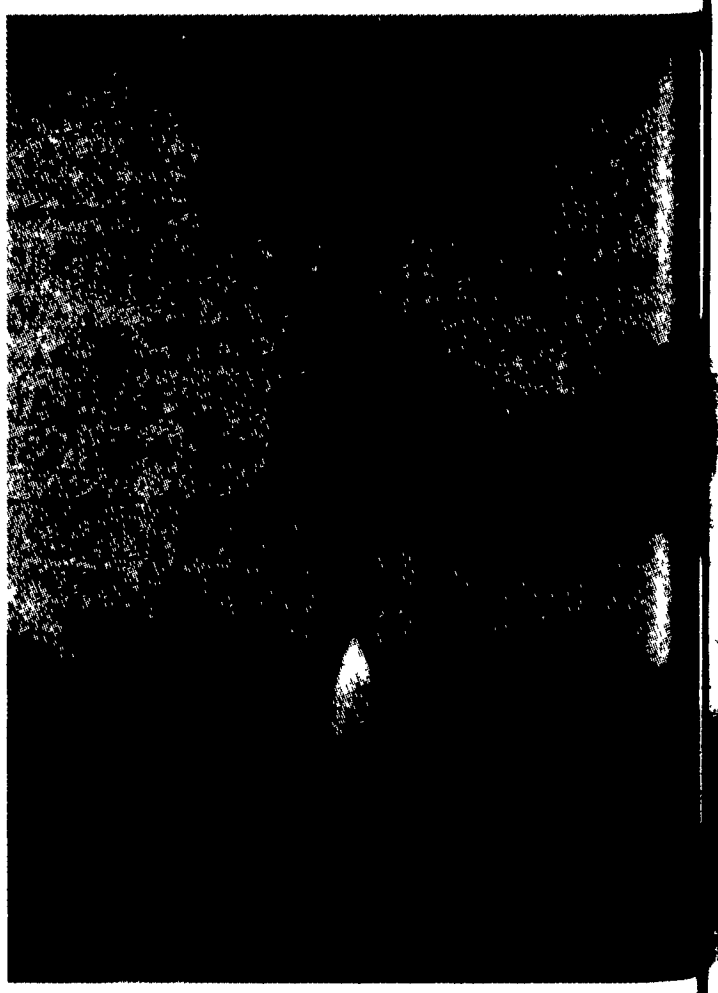

FFA APPENINGS

The Oakland FFA Chapter had the first place team in the state FFA Horse Judging Contest held during the 1990 Maryland Horse Fair on Saturday, April 21 at the Prince George's County Equestrian Center. Members of the Oakland team from the left are Dave Tracey, Jon Jackson, Elaine Deberry, Tammy Eisentrout, and Steve Kisner (coach).

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ɔn c , consisting of breed and equipment identification as well as multiple choice questions on care, handling, feeding, and diseases of horses, was also completed by the contestants.

Tom Hawthorne of the Linganore FFA Chapter was the teacher chairperson and arranged for horses, facilities, and the general conduct of the contest. Jim Lawson prepared and administered the written exam. The top four winning teams in the contest were Oakland High School, Boonesboro High School, Linganore High School, and Flintstone High School.

Twin Valley FFA

Three members of the Twin Valley FFA will be recognized by the Pennsylvania Game Commission for their wildlife conservation projects. Additionally the Twin Valley FFA will receive the Outstanding Chapter Award.

The Game Commission sponsors awards for outstanding wildlife conservation by FFA members. This is one type of project an FFA member may conduct to meet the requirements of agricultural science classes.

Steve Pavlesich will receive the first-place state award and a check. John Rost will receive the first-place award for the southeast Pennsylvania Game Commission region. David Rost will receive the second-place award for the southeast region. John and David are the sons of Mr. and Mrs. Paul Rost of RD 2 Elverson.

Steve's projects this year include tree planting, pruning apple trees to increase their productivity for wildlife foods, doing woodland border cuttings, constructing and erecting bluebird and wood duck nest boxes, completing a wildlife occurence study, conducting a bird feeding program, and raising and releasing catfish and quail.

John and David have also done tree planting and border cuttings; built and erected bluebird, wood duck, and squirrel boxes; built brush piles; and done wildlife occurence studies. This is the second year Steve has won the state award, and the second year the chapter has won the chapter award.

The Game Commission sponsors these awards as a way of encouraging FFA members to improve wildlife habitat and to become more aware of the needs of wildlife in our developing state.

Twin Valley FFA Wins State Awards

Recently, 20 Twin Valley FFA members participated in the State FFA Record Book Contest.

This contest consists of judging agriculture science students' record books. These students keep records on work experience projects both on and off farm, skills and tasks, wildlife conservation, and production projects. The purpose of keeping these records is to teach record-keeping abilities, responsibility, and money management.

Mary Beth Hassler received the first place gold medal with her records on horses. Danielle Burke won the first place gold medal with her records on rabbits. Margaret Yarmush won the first place gold medal for her off-farm work experience records. Steve Pavlesich won the first place gold medal for the best wildlife conservation records in PA, as judged by Pennsylvania Game Commission personnel. John Rost received the gold medal for the best wildlife conservation records in the Southeastern PA Game Commission district.

Gold medals were earned by Andy Mast for his Junior records (in dairy herd, field corn, and forage production). Ryan Marshall also received a gold medal for his junior records on swine finishing. Brian Beam received a gold medal for his on-farm work experience records.

Danielle Burke received a silver medal for her off-farm work experience records. David Rost received a silver medal for his wildlife conservation records which were judged second best in the Southeastern PA Game Commission region. Ray Reinhard received a bronze medal for his records on dogs. Lisa Hopps received a bronze medal for her off-farm work experience records. Missy Toy received a bronze medal for her off-farm work experience junior records. Kim Hubert received a bronze medal for her off-farm work experience records. Mike Henderson's on-farm work experience records received a bronze medal.

Agricultural Mechanics

The Middleburg FFA Chapter competed in the SUN AREA agricultural mechanics and small gasoline engines competition at West Snyder High School on April 24.

Competing in the ag mechanics competition were Chad Sprenkel, who received a red ribbon and Jason Sheaffer and Ken Sims, who received a white ribbon.

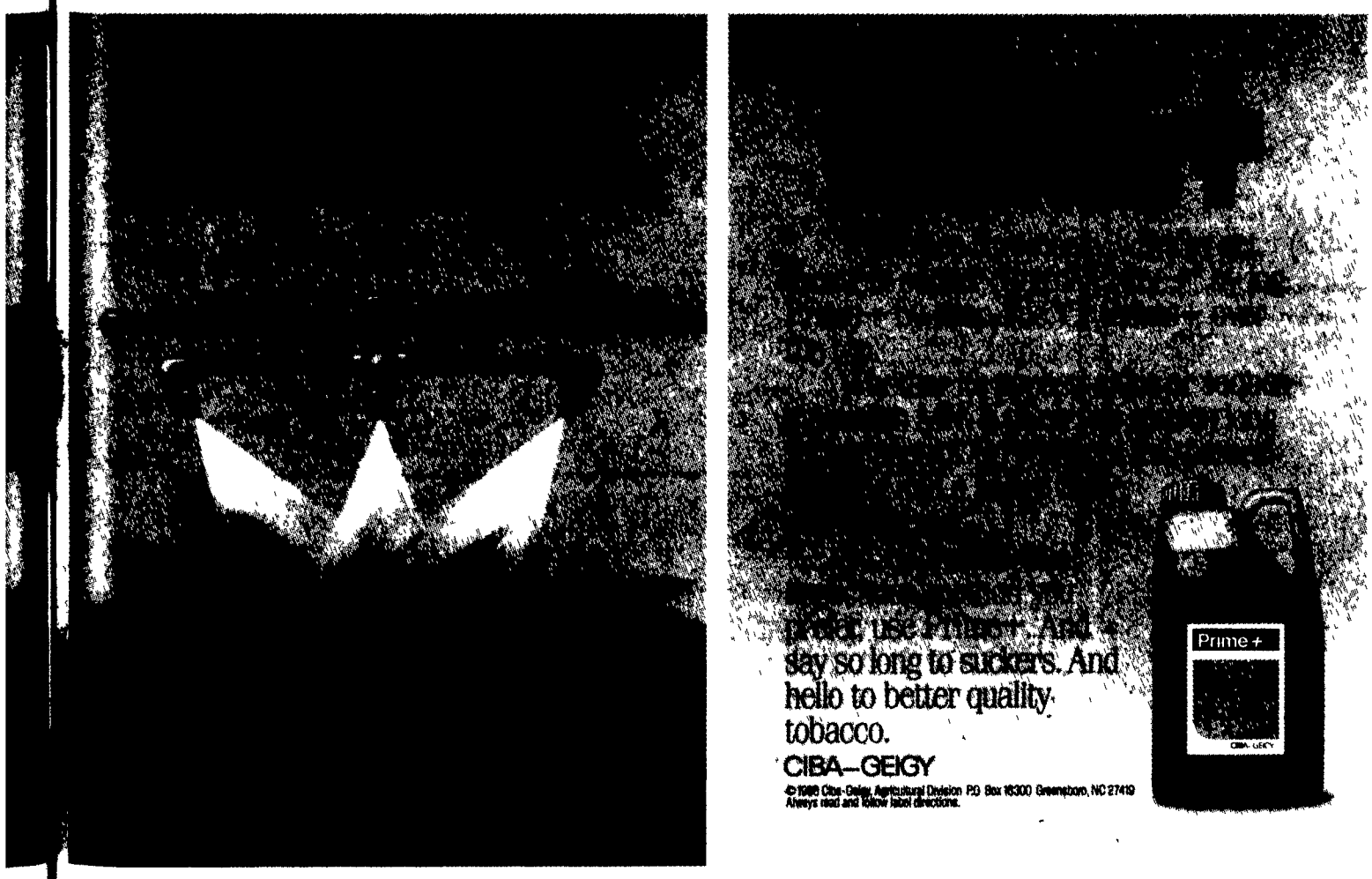
The small gas engines team consisted of Chad Hoffman and Kevin Kerstetter, placing fourth in the SUN AREA.

Cedar Crest FFA

On Friday, April 20, 1990, several members from the Cedar Crest FFA helped the Lebanon Conservation District distribute more than 40,000 evergreen and hardwood seedlings at Coleman's Park.

They were under the leadership of Leigh Beamesderfer, district forester and Charles Wertz of the Lebanon County Soil Conservation District. The trees were to be used for windbreaks, wildlife cover, and other soil and water conservation practices.

FFA members who participated were Chris Long, Randy Brandt, Ammon Peiffer, John Risser, Jason Krall, Jere Lehman, Mike Keller, Jamie Eisenhour, and David Wease.



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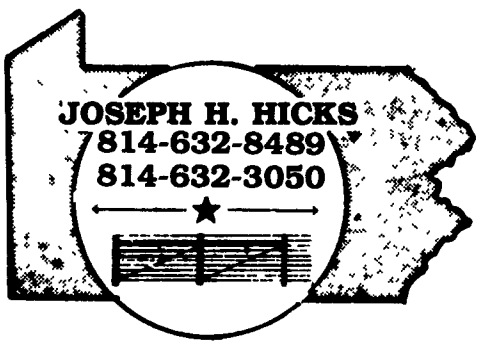

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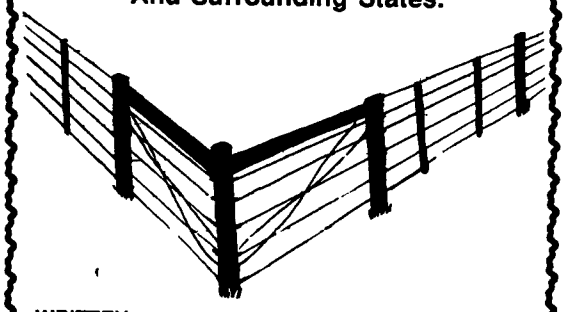

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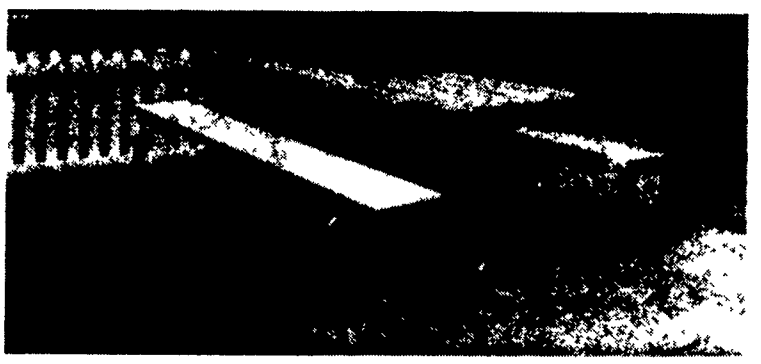

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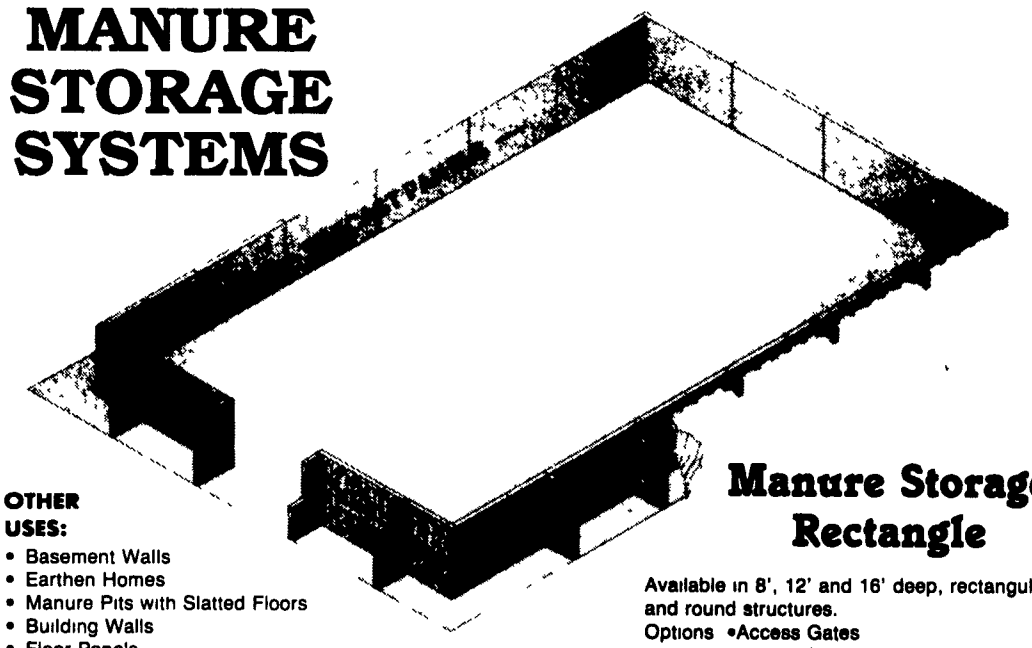

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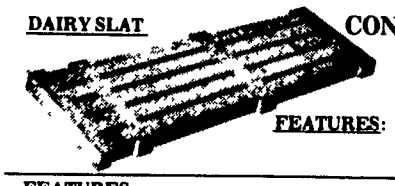

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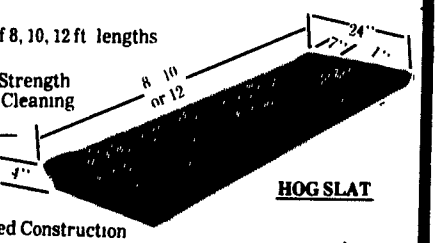

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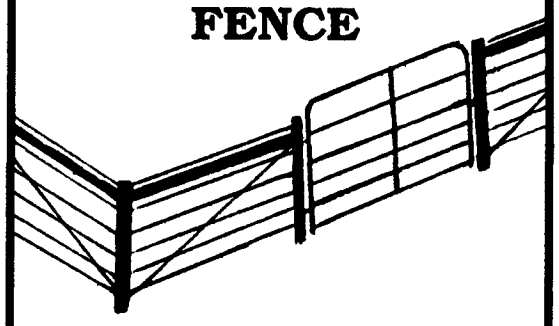

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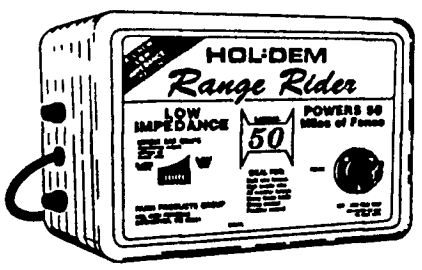

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MORGAN STUD SERVICE. Excellent cross w/saddlebred. Joseph S. Esh, 2151 Forry Rd., Lancaster, Pa. 17601.

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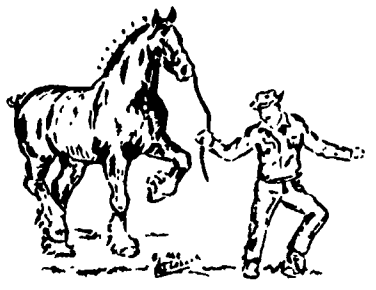

The Pennsylvania Draft Horse & Mule Association's
ANNUAL SPRING CLINIC
will be held on
SATURDAY, JUNE 2, 1990
at the
ORNDORFF FARM
In Waynesburg, Pennsylvania

This one-day clinic will offer practical, hands-on experience for both the novice and the knowledgeable horseman.

PROGRAM

Morning: 8-9 A.M. Registration - Coffee and donuts. Fee $15 per person
9-12 A.M. - Discussions and demonstrations to be held on the topics of artificial insemination, horse photography, clipping and decorating the draft horse for show, and wrapping legs
Afternoon: 1-6 P.M. - Hitching, showing, and judging demonstrations throughout the afternoon which provide an opportunity for you to "take the lines" and be an "official judge"
Evening: 6-7 P.M. - Dinner prepared by association members Please make your reservations by May 25th
7 P.M. - The spring business meeting of the association Raffle drawing on an Orndorff filly or cash Contact any member for tickets

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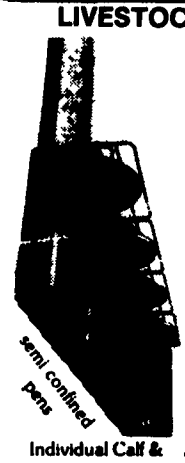

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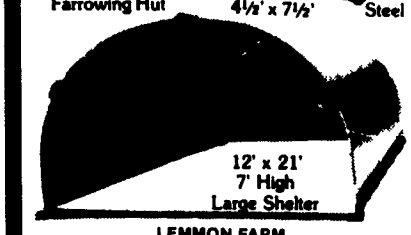

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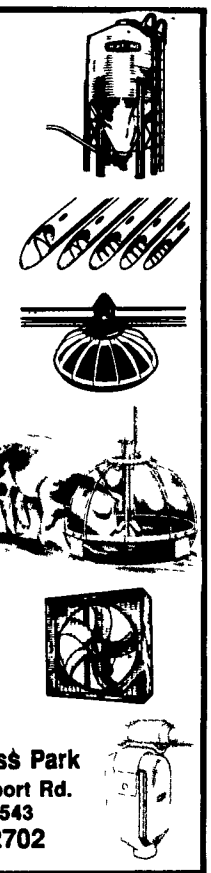

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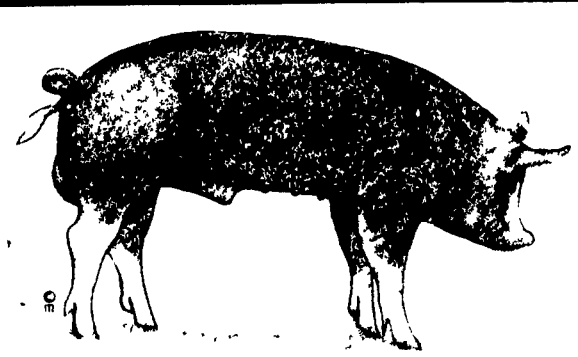

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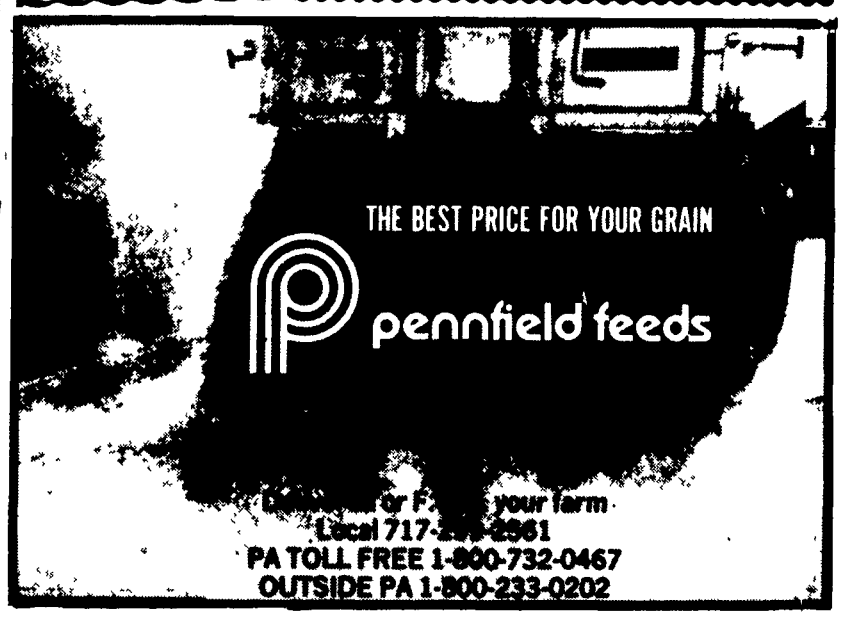

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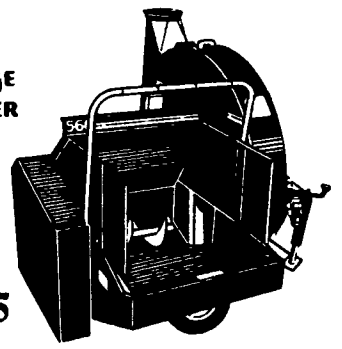

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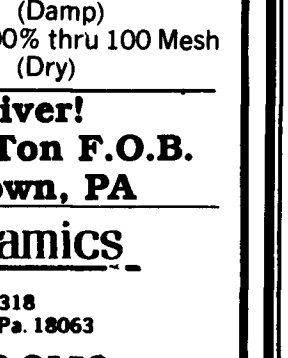

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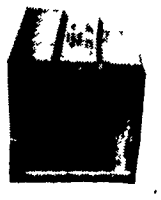

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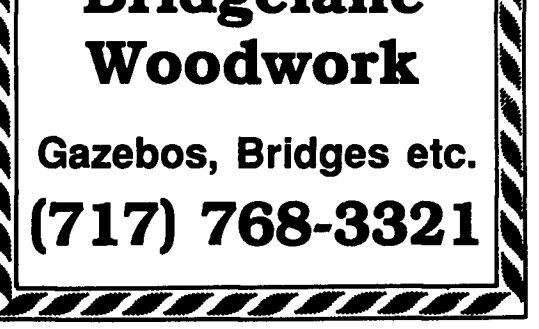

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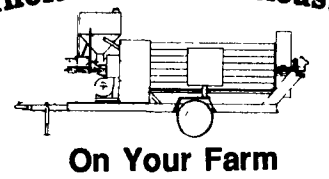

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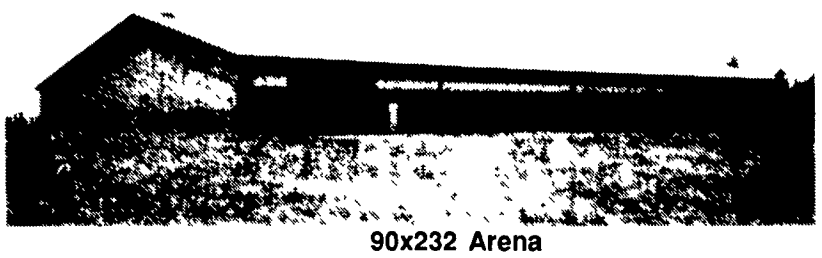

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Small farm in Baltimore County, MD, desires person or couple as caretaker. Modern house provided. Experience in the care of animals required.
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(301) 628-4938 (7-9 p.m.)

Large potato & corn farm on Long Island looking for experienced worker. Housing available. Call Evenings. 516-537-1027

Part time barn personnel, experienced with livestock preferred but not necessary, will train. Good starting wages. Contact 717-442-4181.

A Carpenter wanted for steady help. 717-786-1920 between 6&6:30p.m. only.

Experienced dairy farm helper. Housing provided. Lehigh County 215-298-2417

- Egg Truck Driver
- Egg Candlers
- Egg Packers

Full & Part Time
Apply in Person
8 a.m. to 5 p.m.
Esbenshade Farms
Eby Chiques Rd.
Mt. Joy, PA 17552
717-653-8061

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc.
717-266-5611

HELP WANTED
MOBILE TEXTUREATOR
- Full or Part-Time
- Good Benefits And Wages
- Should Be Farm-Oriented

1-800-528-6693
OR
(717) 626-8318

Responsible person to manage broiler operation in Pa. Salary, bonus, and other benefits available. Experience required. Send resume to: Lancaster Farming, P.O. Box 609 B-6, Ephrata, Pa. 17522.

Sales person for biologically based agricultural company. Farm background on crop fertility a must. College degree preferred. Send resume: P.O. Box 421, Dillsburg, PA 17019 or call 1-800-233-0138.

Help Wanted

Office Manager needed for a silo, manure handling, and feeding equipment company. Agriculture experience preferred. Send resume to:

c/o Lancaster Farming
P.O. Box 609 K-208
Ephrata, PA 17522

PURINA MILLS INC.

Opening in Swine Manager Trainee Program
6 mon. to 1½ yrs. on farm training. Manager training sessions. Good opportunity for advancement. No experience necessary
Remit resume to:
Purina Mills, Inc.
c/o Hog Dept.
P.O. Box 248
Camp Hill, PA 17011

Sales Representative Ford New Holland construction equipment, excellent benefits program, vehicle allowance, competitive commissions.

Service Representative Ford New Holland Equipment, excellent benefits program, competitive pay.

Service Excellence Dealer
Ceresville Ford New Holland, Inc.
P.O. Box A
Frederick, MD 21701
301-662-4197
Outside MD **1-800-331-9122**

DISTRICT SALES MANAGER

Pioneer Hi-bred International, Inc. is recruiting for an individual to manage the promotion and sales of Pioneer® brand products in Delaware and Eastern Shores of Maryland.

Duties: develop and motivate an aggressive sales rep. force through recruitment, leadership and training. Conduct field days and customer meetings.

Challenging opportunity for candidate with B.S. degree in agriculture or equivalent sales experience.

Must be a very enthusiastic and motivated individual with excellent communications skills.

Send resume to:

PIONEER HI-BRED INTERNATIONAL, INC.

P.O. Box 280
Mt. Joy, PA 17552-0280

Pioneer Hi-Bred International, Inc. is an equal opportunity employer.

Immediate opening for working manager on broiler farm. Good wages, BC, BS, paid vacation, paid holidays. Housing provided on the farm. 50-60 hour work week. Excellent opportunity for the qualified person.
Box #R-8 Lancaster Farming
P.O. Box 609
Ephrata, PA 17522

National Seed Company producing field corn, alfalfa, soybeans & sorgums seeking self-starting individuals to expand growing territory. Good commissions offered. May work well with your present position or business. For more information write or call

Ken Collins
P.O. Box 92
Hanover, Pa. 17331
717-632-8829 Collect

WANTED
HORSEMAN FARMER
Broodmare Farm
Baltimore County
Excellent situation w/new house
301-771-4580
or Box 68
Butler, MD 21023

24 SITUATIONS WANTED

Christian man, 25, availble for full time farm help, familiar with machinery. Call Steve at (717)738-1000.

Young experienced couple seeks opportunity to buy into a dairy herd or farm. Prefer York Co. or surrounding area. 717-235-8244

Young married couple, currently renting general farm, seeks lease/purchase agreement or similar owner financing to work out purchase of farm. (717)664-3262.

24 SITUATIONS WANTED

A successful feed business for sale catering to the horse people and located at the Penn National Race track.

Owner wants to retire and is willing to give long term lease on facilities.

Contact:
Agway Inc.
10 Tall Tree Drive
Camp Hill, PA 17011

Business Opportunity

Start A Seamless Gutter Operation! Looking For Individuals To Start Seamless Gutter Operations. (Outside A 100 Mile Radius Of Lancaster, PA) Will Help You Set Up Truck & Machine, Give Basic Training on Running Machine & Installing Gutters. Will Supply Materials For You. Call Nelson S. Sensenig At (717) 733-7160 (717) 733-9590

25 BUSINESS OPPORTUNITIES

Friendly Home Parties has a dynamic new program for managers, dealers and even hostesses. Highest commission up to 25%, override up to 7%, plus over 800 items of toys, gifts and home decor to chose from. Plus no collecting, no delivering, no paper work, no handling or service charge. For more information and a free 1990 catalog call 1-800-227-1510.

Want to make $15/hr. at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled. Free information. SASE to: Goodville Farm Services, Box 6, Goodville, Pa. 17528.

Excellent, fast-selling chair manufacturing business for sale. Complete with equipment. One week free training to serious buyer $35,000. Whisperin Chair Shop, R3, Meyersdale, PA 15552 (Pocahontas).

FARMERS MARKET- Take the 1990's in hand by opening your own business at our Harrisburg Farmers Market. High volume of people each week. Still have some ½ and full stands available. Call Bonnie, 717/238-7788

Looking for someone to purchase a dairy farm in Central PA preferrably in Mifflin or Juniata County and can furnish references upon inquiry, excellent experience in working with purebred Holsteins.

Reply to:
(717) 527-2514
Call anytime, but after 6:30 in the evening is the best.

26 HOUSEHOLD

Stainless steel sink with metal cabinet, $55. New plastic shower stall, $90. 275 gal. fuel oil tank, $60. 215-869-9888.

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

27 PETS

Adorable Cataholua pups for sale. The perfect dog for your farm and home 215-493-4900

AKC Chihuahua Pups. Male, smooth, black and tan with white. Female, longcoat, same color Shots and wormed. Phone 215-395-4601

AKC Chow puppies, 6 weeks old, vaccinated, wormed, $225. (717)949-2536.

AKC Collie and Cocker Spaniel stud service. Evenings Lanc. Co. 215-445-6456.

AKC Collie stud service available, linebred Arrowhill, eye check/pedigree upon request. Wynd Hollow Collies. Call 717/543-5999.

AKC Collie puppies. Sable and white. Lebanon 717-274-2749. Great Pets!

AKC German Shepard puppies, excellent pups, ready to go May 22. Choose yours now! Call 717-865-6053 anytime.

AKC Keeshond Puppies, available June 1st. $250 717-532-5331

AKC Pug puppies, ready June 2. Males $225. Deposit will hold. Daniel Rissler, RD#1, Port Trevorton, PA 17864.

AKC stud service and puppies for Rotweiler, Cocker Spaniel, and Poodle. Stud service $65 00. 717-786-1370.

Boston Terrier pups, born 3-27-90. Amos R. Miller, 864 Bartville Rd, Christiana, PA 17509.

BUY A LLMA!! Have something unique in your field/pasture. Show, breeding and pet stock. Prices starting at $1000 00. 215-868-0186.

Cocker Spaniels, Chocolate stud dog, four years. Proven sire, Heavily coated. $300.00. Black males, five months, Black female, eights months, spayed $150.00 each. All shots current. Extended pedigrees. 717-769-6958.

FOR SALE: AKC Chocolate Labs. Gentle farm raised puppies. Call 717-933-4831

FOR SALE: Boston Terrier Puppies, adorable, ready now. 717-865-3488

FOR SALE: Jack Russel Terrier puppies, tri-color, shots, wormed, females $150, males $125. Call after 5:30PM, 215-693-6754.

Fox pups, ready now, hand tamed. $75 Silvers. Northumberland Co. 717-286-8770.

Puppies, Border Collie/ Australian Cattle Dog Both parents good cattle dogs. Ready to go Lanc Co 717-665-4582.

Purebred Australian Shepherd Puppies Loyal pets, excellent working dogs, all colors. 412-336-6580.

Registered Australian Cattle dogs (Blue Heeler) pups. Available May 29 w/ shots. Great farm dogs Franklin Co 717-267-3305

Buying AKC puppies, Siamese and Persian kittens for resale as pets. Also male singing canaries. Will pick up
(717) 822-2033

Jo Jo The Dog Man PUPS WANTED!!!

Die Hundeman mit die Geld fer die Hunde.
Pickups arranged on June 5. Pure & cute mixed breeds purchased in litter lots to 8 wks.

Call or write Joe O'Neill, 3637 US Hwy #1, Princeton, NJ 08540, 609/452-8903 7 & 9 AM Mornings. Keep Trying!

WANTED
One Pot Belly Pig
Gilt. Registered

Harry Stokes, Jr.
453 Dias Creek Rd.
Cape May Courthouse,
NJ 08210
609-465-3273
Call after 6 PM

Registered Border Collie puppies, nicely marked, tri-colored 301-271-2010

Rotweiler pups for sale WANT dog cages Call (717)862-3638 between 7-7 30 p.m. Wednesday or Friday only.

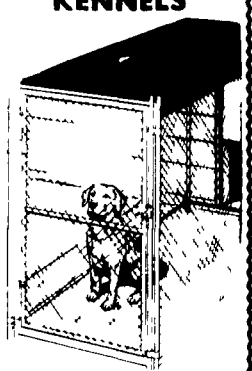
STUD SERVICE, pure bred registered tri-color Border Collie, nice markings, reasonable (717)665-9214.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt 611, Pipersville, PA 18947 215-766-8802

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
201-295-2442
Daily
201-899-5868
Early Morning
Call Collect
215-350-5249
Thursday Only
P.S. We buy pups 52 weeks a year.

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
Forest Ridge Kennel
296 S Vintage Road
Paradise, PA 17562
717-442-4259

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
662 N. Shirk Rd.
New Holland, Pa. 17557
717/354-9760

31 NOTICE

Aches? Stress? Massage, Viberator, Suna, Reflexology. NO Hanky-Pank! Serious Only 717-295-4869.

NOTICE· For repair work on electrical motors, tools, appliances contact Mervin at Snyder Drive Motor Repair. Also used motors. Call 717/354-9584

Quiet rental lot wanted by quiet male with mobile home 814-276-3105 collect

32 MISCELLANEOUS

12,000 tabacco lathes. 3 tabacco bale boxes Tabacco spears and sheers 717-768-3626

750 PSI hot water high pressure washer, $500 Call after 6 p m , (717)425-2469

Allen Organette model T-44, all transistorized, good condition 215-285-2611 Evenings.

Ammco Brake rotor lathe, 80 ton air operated hydraulic press. Walton, NY, (607)865-6293

CAM SPRAY, PRESSURE WASHER, (new), 2,000 lb , 4.5 GPM, on wheels, 5 h p. 220 volt, $1,450. LESS 5% SPECIAL DISCOUNT. Martin Hardware, Schaefferstown, Lebanon Co., Pa. 717-949-6817, 949-2549 DLR.

CAM SPRAY, PRESSURE WASHER, (new), 1,000 lb , 2 2 GPM, 1 5 h p 110 volt, $465 LESS 5% SPECIAL DISCOUNT Martin Hardware, Schaefferstown, Lebanon Co , Pa 717-949-6817, 949-2549 DLR

Bridgeport milling machine, 9x36 table, w/J head, power feed, collets, vise $2600.00. 201-453-2088.

CONTENTS OF OLD BLACKSMITH SHOP Anvils, Vises, Swage Blocks, Cone Mandrels, Large Bellows Dated 1816, Drill Press, Farrier Tools, Many Hand Tools & Handmade Iron Items 215-723-5811 Anytime.

Fallow deer. Several colors Thurmont, MD 301-271-2010

FOR SALE. New 8HP pull start Kohler Magnum engine with warrenty, $400 00 Negotible 717-922-1080

FOR SALE Wood mulch (not processed). Also sawdust delivered or picked up Beiler's Sawmill, 442 Vintage Rd , Paradise, Pa. Call 215-593-5989 Evenings Between 6 00 & 6 30

For Sale. Used steel culvert pipe 20" diameter, 3/8" thick in lengths up to 45' $15 per foot. Call after 9PM 703-463-2270 Lexington, Virginia.

For Sale· Used solid bottom Chinchilla Bachelor & Breeding Cages & many other supplies 717-834-4705

Order your Mallard Ducklings for the summer Call 717-733-0163

RAIN CAGES 11" ALL WEATHER $24 95 +1.50 TAX, 6" TRU-CHEK $9.15 + 55 TAX. MASTERCARD AND VISA ACCEPTED. Used by the National Weather Service and University Tested Heavy duty clear plastic, money back guarantee Measures rain, sleet, snow Supplied by retired County Agent S K Wright, RD#1, Box 690, Mifflintown, PA Juniata Co 717-463-3974

RAIN GAUGES FOR FARM, GARDEN, NURSERY, MUNICIPAL USE 11" ALL WEATHER $24 95 + 1.50 Tax, 6" Tru-Chek $9 15 + 55 Tax Mastercard and Visa A cepted Used by National Weather Service and University tested. Heavy duty clear plastic, money back guarantee. Measures rain, sleet, snow. Supplied by Retired County Agent Stewart K Wright, RD#1, Box 690, Mifflintown, PA 17059 Juniata County (717)463-3947

SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock 30 Day Free Trial! 1 Year Warranty Call For Low Prices 1-800-445-4669. Terre Hill, Pa

Aeromotor windmills and towers. Repair parts for older windmills. Windmill pumps, well supplies and more. Send $2 (refundable with order) for 40 page catalog.
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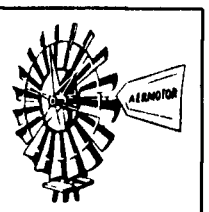
Dept. LF90
North Benton, Ohio 44449
Ph. 216/584-4681



FREE CATALOG -
BOLTS AND FASTENERS
16 years in business Packaged in small quantities, so you don't need to buy the whole store
Paul Harvey Fasteners, Box 33325-LF,
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"TOYS & COLLECTABLES"
Farm Toys, Trucks, Construction Toys,
Pedals, New, Collectors, Used,
Buy - Sell - Trade, "LARGE"
Inventory, Like Signs & Literature,
Some Other Related Items Also.
WENGER'S FARM MACHINERY, INC.
251 S. Race St., Myerstown
717-866-2130

PRESSURE WASHER, (NEW), 2,500 lb., 4 5 GPM Cat pump, 11 h p. Honda electric start, automatic idle on wheels, $1,550. LESS 5% SPECIAL DISCOUNT Martin Hardware, Schaefferstown, Lebanon Co , Pa 717-949-6817, 949-2549 DLR

TIRONIE'S TARPS SHIPPED ANYWHERE 717-584-2928 anytime

WANTED: old barns, log cabins, out buildings, etc for removal Call 301-357-8108.

WANTED old loghouses and logsided outbuildings for removal, 9" or wider attic flooring, especially oak or pine, very old house salvage, wide barn siding, granery boards. Top dollar 215/857-3910

31 NOTICE

32 MISCELLANEOUS

White aluminum triple track storm windows w/screen. 4 years. old Five 28½x58½, two 28½ x54½ , one 46½ x24, one 38½x27½, one 62½x44, three 28½x62½. $15/each OBO. 717-367-8302 Call Collect.

11,000 GAL. PROPANE TANK FOR SALE!
(717) 933-4114

32 MISCELLANEOUS

Rotogen phase conventors, provides continous 3PH power, converts 230V single phase to power 230V 3PH motors. Call for information and price 201-453-2088.

PAINTED STEEL ROOFING & SIDING
- Galvanized/Galvalume
- 29/26 Gauge
- 3 Major Brands Available
- Large Stock Trim & Sheet

AS LOW AS $32.00 per/sq.
Conestoga Building Supply
New Holland, PA 17557
717-354-2613 or
1-800-544-9464

33 RECREATIONAL VEHICLES

1982 Coleman popup camper, sleeps seven Furnace, sink, stove, bike rack, canopy. Excellent condition Asking $2,900 Call 215-926-2441 Days or 215-777-1432 Evenings.

1986 Honda 350-X 3 wheeler, never raced, good condition $1195. Chester Co. 215-495-7372.

32' fifth-wheel camping trailer, complete, +TV, microwave, awning, air, $7,000. 1978 Scottsdale Camper, special crew cab, dual wheels, fully equipped for 5-wheel, $3,500. If sold together $10,000 814/634-8549.

For Sale: 1989 Polaris Trail Boss 4x4, new condition. 717-426-3135

Prowler 23½ ft. camper trailer w/Dodge pickup, ready to travel, $8,800 717-483-6656

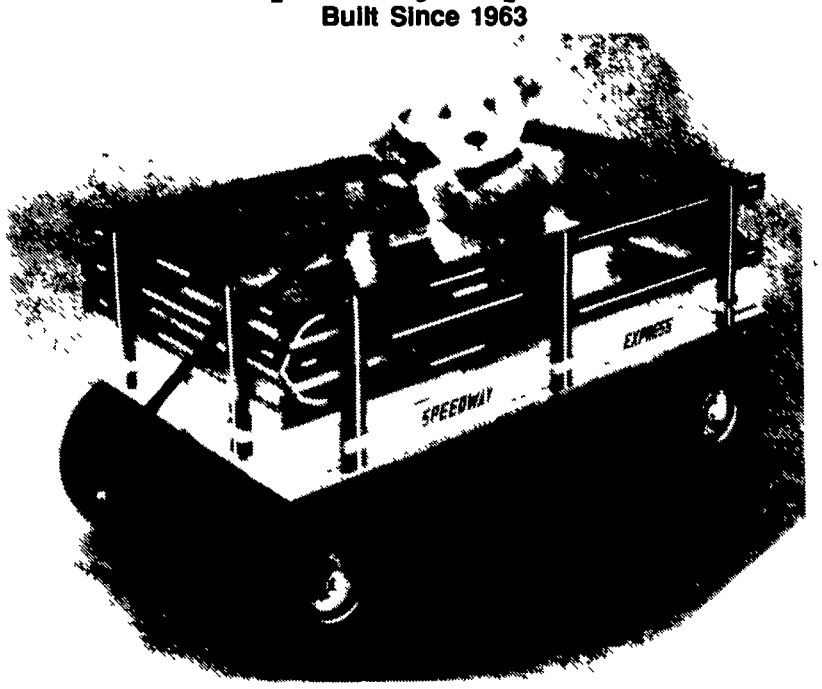
FAWN GROVE OLDE TYME DAYS
JULY 13, 14, 15, 1990
Exhibitors Welcome, Flea Market Space Available
Tractor Parade Daily - Old Fire Trucks - Farm Equipment - Gas Engine - Horse Plowing - Hay Rides - Blacksmith Shops - Cross Cut Saw Contest - Homemade Ham & Bean Soup - Pit Beef - And A Lot More Homemade Foods!

Bluegrass and Country Music, Saturday, July 14
Route 851 To Fairgrounds In Fawn Grove, Pa.
½ Mi. North of Mason & Dixon Line
Drawing For Model 832 Toro Riding Mower July 15, 1990
(From Woodbine Mower & Saw)
For More Information For Flea Market Space, Contact Bob Streett

717-456-7242
Benefit Of "New" Fire Hall

32 MISCELLANEOUS

Little Red Wagons
Speedway Express
Built Since 1963



Series 500 with Racks $149.90 + Shipping & Handling

Speedway Express Wagons, auto turn (no-tilt steering) is designed for snug, smooth & sturdy turning. Built with heavy gauge steel for rough use and years of wear - Series 500 wagon weighs 60 lbs. with a capacity of 1,000 lbs. or more.

Pneumatic wheels with 5/8" ball bearings make it a pleasure to pull or ride (different sizes available). For colored brochure or to order - Call or write:

Lapp Welding
Box 248 Mondale Rd.
#1 Bird-In-Hand, Pa. 17505
717-656-9605
See our display at Roots Country Market, Manheim or Green Dragon, Ephrata
Dealer Inquiries Welcome

33 RECREATIONAL VEHICLES

GOLF CARTS!

New and Reconditioned

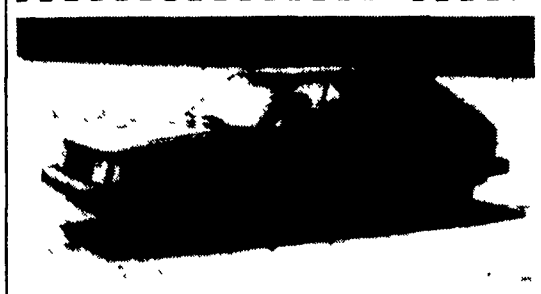
Special Spring Prices
March through May

KENNETH B. McDONALD, JR.
(301) 885-5045

34 AUTOS

1979 Black LTD station wagon, AC, good condition, runs well. $1,750. 215/488-1926.

1980 Ford, 350 with 351 engine, automatic, dual wheel, 9'-stake body w/ steel racks, good rubber, good condition, 93,000MI. $42,000.00. 717-530-5235 Shippensburg



1988 Dodge Omni
4 cyl., 5 Speed, AM-FM Stereo,
Gray Cloth Int., Black Ext.
—$4,350—
717-865-3488 Home
717-664-2170 Office

35 TRUCKS & TRAILERS

1951 IH 180 12' stake body dump, 900-20 rubber, 5 speed transmission, 26,000 GVW, good shape $1,000. (717)273-3823

1970 Mack, R686, 300 hp., 5 spd., 34MR/A, wetline, $4,500. 215-268-8258

1971 International Spreader Truck, 2900 gallon vacuum tank, 318 Detroit diesel, tank and spreader. Assembly approx. one year old $13,000.00 215-286-9708.

1972 Ford L-900, single axle, gas engine, 130,000 miles, Was $3,500 NOW ONLY $2,500 ! 717-933-4114

1972 INT 1310 w/ Schwartz rollback hyd winch & Ag tow bar, $4,500 Erb & Henry Equip Co Inc. 215-367-2169

1973 GMC 6000, with 16' steel flatbed 215-932-2767

1973 Int. 1800 Loadstar, cab and chassis, 150" CA, 392 V8, 5+2 transmission, $1,500. 717-256-3233

1974 Chevy crewcab, 1 ton, 86,000 miles, HD trailer hitch, electric brakes, recent body and paint job, 2-tone blue, trans rebuilt, motor tuneup w/rebuilt carb., like new rubber, A/C, and radio, $4,250 (717)792-9930

1974 Int ¾ ton, aluminum whls w/8 lugs, Class III trailer hitch $1,200/OBO 717-569-9649

1976 Chevy Silverado pickup, 4x4, grey with red interior, PS, PB, Air, chrome bumpers, dual tanks, brush guard, fog lights, KC Daylighters and trailer hitch. $2,995 717-532-2007 evenings

1977 Chevy C-65 truck, 427 engine, 22' Eby live-stock body, will sell separate or as a unit Somerset County. (814)662-2174.

1977 F700 Mack single axle w/AC, P/S, $6,000 1971 R600 Mack tandem axle, $5,000. 1977 Int diesel 1750, 22' van, $3,000. GMC Army truck, 6 wheel-drive (814)542-4450 A.M., (717)234-7643 evenings.

1978 GMC truck, 14'-Morgan box, rebuilt motor, good condition. $3500 00 717-436-6611

1978 Mack C.O.E., P.S., 290-Cummins, 10-speed RR, 11R245-Budds, 48,000GVW, 28'-Frame, 717-687-0887.

1979 ½ ton Chevy pickup, A/T, P/S, 350, good condition, $1,850 (215)286-9510

1979 GMC-C35 Sierre-Grande 9200-GVW, crewcab, 4-speed, 4WD, loaded dumpbed, Class-3 hitch $6395 00; w/matching 7'-high horse trailer $7595 00 York Co 717-741-3974

1979 Int., 466 motor, 10-spd. with live tandem rear, GVW 54,000, good condition. 215-794-7259

1979 KW double bunk 445 Detroit, 15 speed OD air ride, and air ride cab, Budd wheels, excellent condition. (215)779-3284

1980 Int 1854 Diesel, 466, 5&2, PS, 27,000 GVW 1981 GMC, top kick, 3208 Cat diesel, 10 speed, PS, air brakes, 33,000 GVW 1969 Ford 850, 5&2, PS, air brakes, 26,000 GVW 301-877-9889

1980 Wilson aluminum hopper trailer 717-665-4785

1981 Chevy 1 ton, cab & chassis, 4x4 truck, lock-out hubs, 4 spd, 454 engine, 61,000 miles, very good condition, $6,500. 814-623-5437

1980 Ford F-100 full size pick-up, 6 cyl., stick, PS, PB, new clutch. $1,800 OBO. 215-584-0494.

1981 GMC Brigadier 23 foot Eby Cahle Body, Detroit diesel engine, 33000 GVW Good shape $8,000 00 Lancaster Co 717-786-4568.

1982 GMC 3/4 ton, 350 4-speed, PS, 4x4 215-255-5211.

1983 International model 1654, 16'-dump stake body, 6.9 diesel, 5-speed, 12,500LB pay load, excellent condition $10,250 00 800-878-8020

1983 Mack, MH613 300 hp, 9 spd., 34MR/A, PS, A/C, 90% rubber, wetline, $12,500. 215-268-8258

1984 4WD, cab and a half, black Nissen truck, needs engine work, $1800 717-776-7172

1985 Freightliner conv 350 Cummins, 9SP, 40" slp, PS, AC, PA inspected, wetline, excellent $25,000 1975 KW conv. 290 Cummins, RTO12513, air ride, lots of chrome, PA inspected $12,500. 717-456-5537.

1985 Volvo F-6 truck, (27,500 wt.) w/16' swab box and air brakes, completely rebuilt, excellent condition, 100,000+ mileage. (717)833-4561 (717)833-5493, after 5

1987 Mack Mid-liner, 22'-stake body, air brakes, pintle hook, 20000LB pay load, very good condition, $20,500 00 800-878-8020.

1989 24,000 GVW Zimmerman gooseneck trailer 3-axle 20' deck w/ ramps vacuum over hydraulic brakes, $5,500 215-269-1221

1989 Ford F150, XLT Lariat, super cab, air, cruise control, electric windows, locks, stero, glass type cap, running board, lots of extras! Excellent condition $14,000.00 215-435-9918.

300 Landoll trailer 42', 8.25-15 tires, air brakes, w/ IHC 4300 tractor. Priced to Sell! $14,950. 703-972-1738

30' tandem dually vacuum brakes, beavertail wench, plus pin for F350, $4,900 OBO. (717)949-2536.

5X8 stock trailer, $550. 306 Woods rotory cutter f/Ford tractor, $650.(717)653-5733

600 bushel grain truck for sale. Almost new Omaha standard body. New paint on cab, very sharp, 2 live axles, shed kept 215-766-0534.

62 Ford F500 12' stake, rebuilt engine, $1,595 (717)626-6788 after 5 p m

'68 Int. dump truck, 12' grain bed, good rubber, good condition, 2 speed axle $1,900. Before 8 a m., (717)768-7005

'73 IH 4020A, 33,000 mi on major, 671 DD, SA, 10-spd., RR, good rubber with 10 ton equip. trailer $5,500 OBO. 717-689-2075

'78 Chevy C65 tandum truck tractor, 13 spd. Road Ranger, Henderson susp., 427 engine, wetline, good condition. 717-463-2161

'86 Ford F350 dually, 6 9 dsl, AT, AC, tilt, cruise, AM/FM cass, running boards, fifth wheel plate, bumper hitch, electric brake control, four extra wheels, sleeper, 53,000 orig.-m $10,900. 215-267-3427, Denver, PA

'87 Chevy HD ¾ ton 4x4, 350, auto, lock-out hubs, PS, PB, AM-FM cassette, dual tanks, 8,600 GVW, dark brown, 14,000 miles, excellent condition, $10,995 717-733-2873

'87 Ford XL E350 Club Wagon 15 passenger van, 351 auto., PB, PS, cruise, privacy glass, dual air & heat, excellent condition, $9,300 717-733-2873

'88 Chevy 1500, ½ ton, 4x4, 4.3 F.I., HD, 4 spd., PS, PB, 18,000 miles, like new, $9,950 717-733-2873

'88 Chevy Silverado 2500, ¾ ton, 6.2 liter diesel w/ new Reading utility body, PS, PB, 24,000 miles, excellent condition, $10,995 717-733-2873

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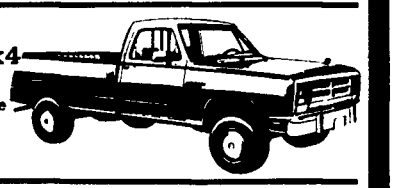

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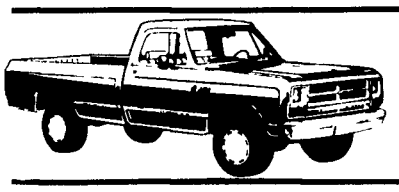

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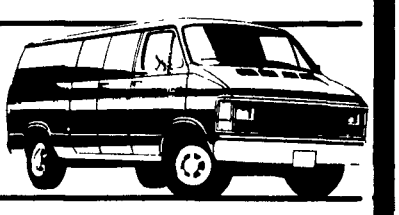

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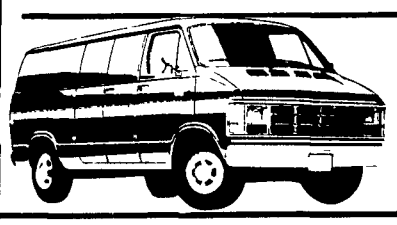

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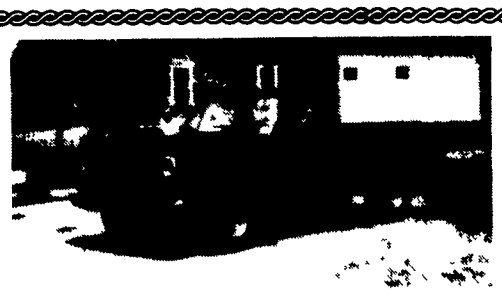

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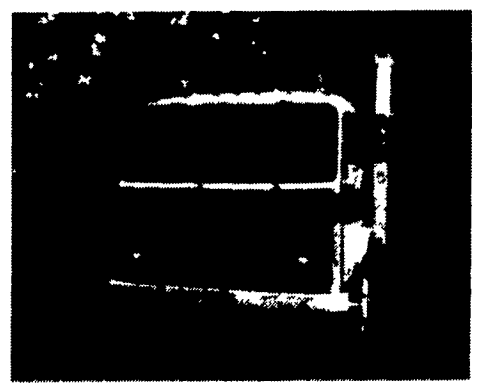

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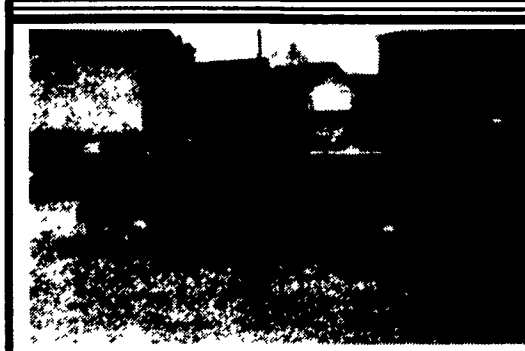

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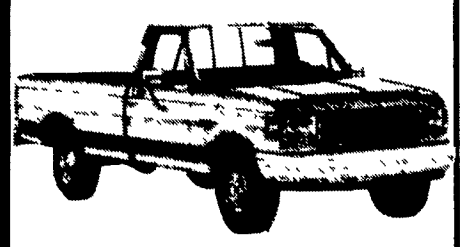

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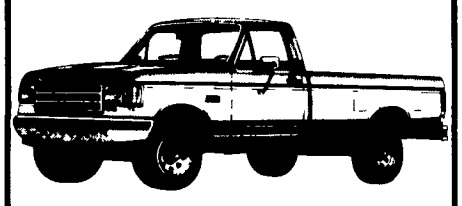

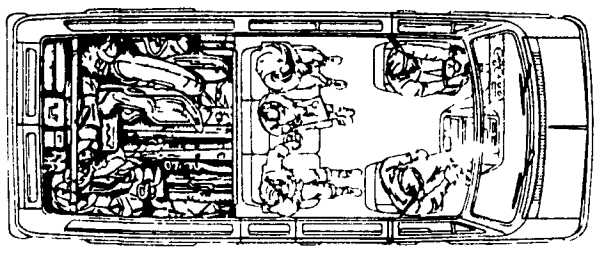

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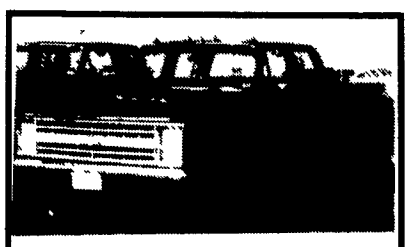

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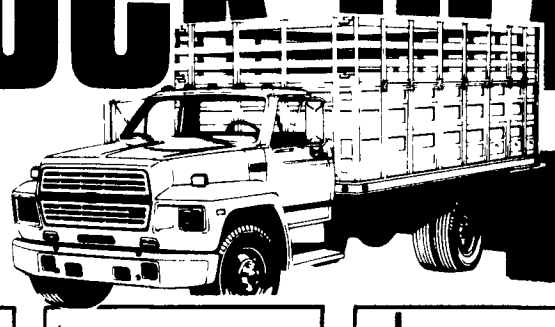

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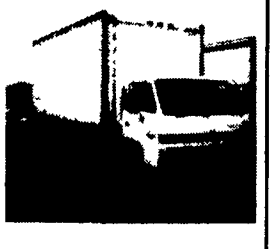

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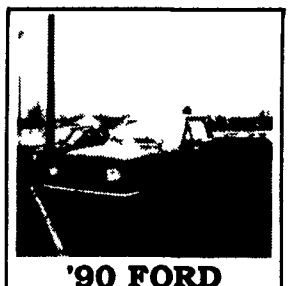

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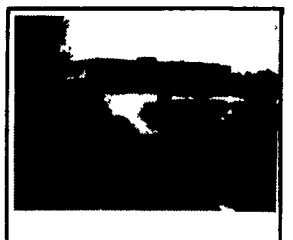

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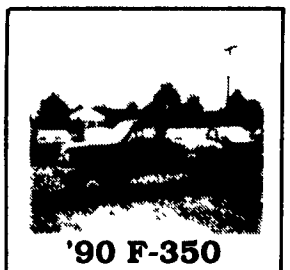

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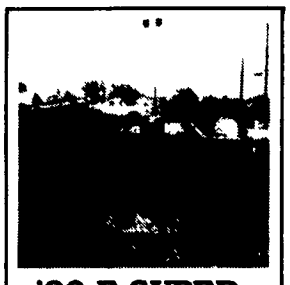

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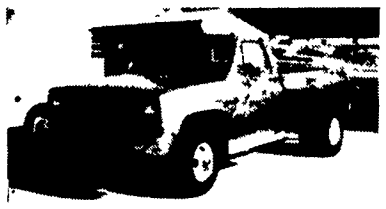

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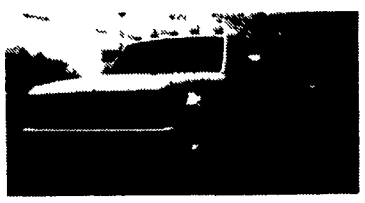
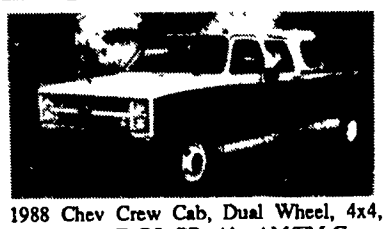


1988 Ford Crew Cab XLT, Lariet, Dual Wheel, AT, PS, PB, Air, AM/FM Cass., P.W., PDL, 460 FI, Cruise & Tilt, Bedliner, 49,000 Miles, Exc. Cond.
$13,800



1988 Chev Crew Cab, Dual Wheel, 4x4, Silverado, AT, PS, PB, Air, AM/FM Cass., 454 FI, Cruise & Tilt, PW, PDL, Bedliner, 48,000 Miles, Exc. Condition.
$16,900

Financing Available

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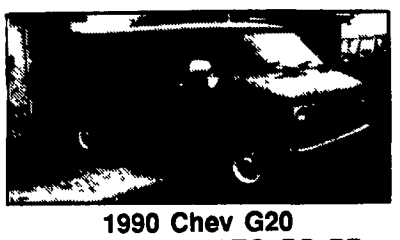
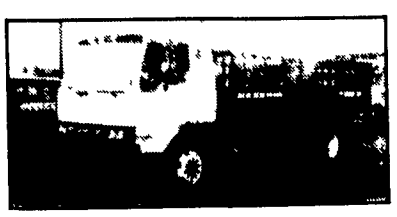
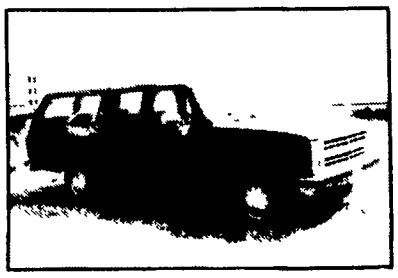
1990 Ford E250
Cargo, EFI 302, ATO, PS, PB, A/C, 7200 GVW, 3,300 Miles #840
$10,800



1990 Chev G20
Cargo, EFI 305, ATO, PS, PB, AC, 6600 GVW, New 70 Miles #886.
$11,500



1988 Mitsubishi FUSO
FK 18 Ft. Stake Body, 28,000 GVW, 10x22.5 Radial Tires, 6.6L Turbo Diesel, 5 Speed, PS, PB, 27,000 Miles. #875
$17,500



1987 Chevy Suburban
G20 Scottsdale 8 Pass., 454 w/Towing Package, AT, PS, PB, PL, AC, 39,000 #894
$11,500

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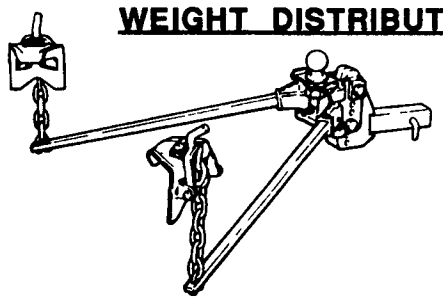

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$220

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BALL MOUNTS WITH PIN & CLIP
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#44 ..... #2 ..... $15.50
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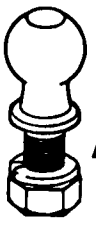

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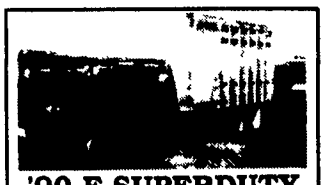
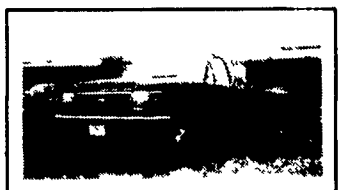
460 Gas, AT, Trailer Tow Pkg.,



'90 F-SUPERDUTY
12 Ft Eby Cattle Body, 161" Whbs, Red, XL Trim, Cruise, Tilt, Super Engine Cooling, Tach, 7 5L V8, Knitted Vinyl Seat, 5 Spd., AM/FM

'90 F-250 XLT SUPERCAB
460, Capt. Chairs, This Truck Is Loaded!

CALL TODAY! WE'RE READY TO DEAL!



'90 F-350 DUAL WHEEL SUPERCAB
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'90 F-SUPERDUTY CAB & CHASSIS
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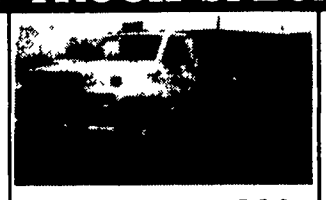
'78 F-700
12 Ft. Reefer, V8, 5/2 Green, PS, 27,000 GVW, Was $7,595
NOW $6,595



'90 FORD F-600
w/14 Ft. Stakebody, 370, V-8, 5 Spd, PS, Was $25,599
NOW $21,509*

'90 E-150 WINDOW VAN
138" whlbs., capt. ch., XL trim, 302, Auto OD, cruise, tilt, HD service pkg., AC, AM/FM cass., sport wheel covers, aux. fuel tank, PW, PDL, privacy glass, 2 rear seats fold into queen size beds WAS $20,472
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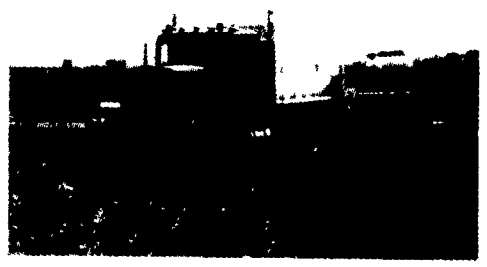

1970 Diamond Reo
Lime Spreader
8V71 Engine, R.T.O. 9513 Trans., S.Q.H.D. Rears. 14'dry line spreader with air lift booms.
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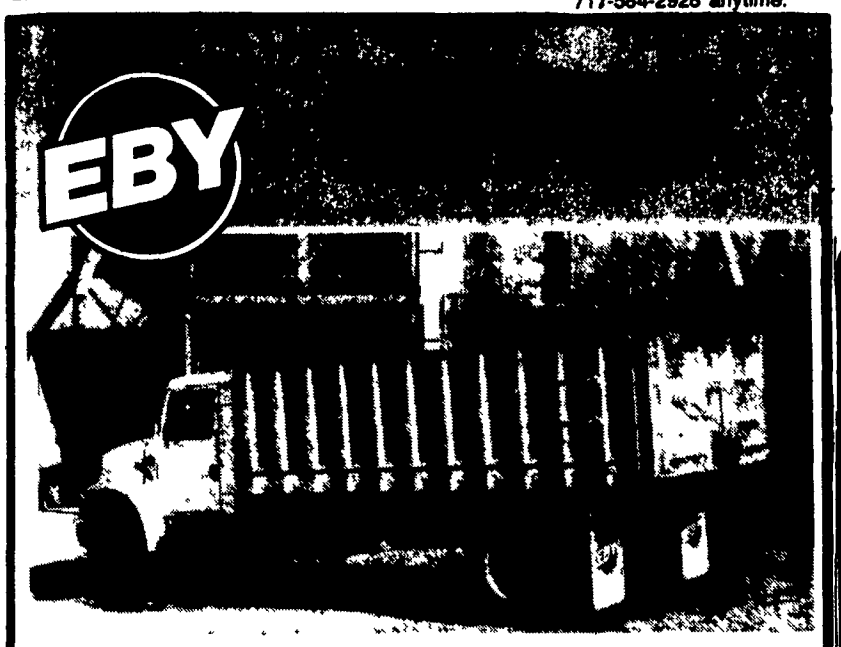

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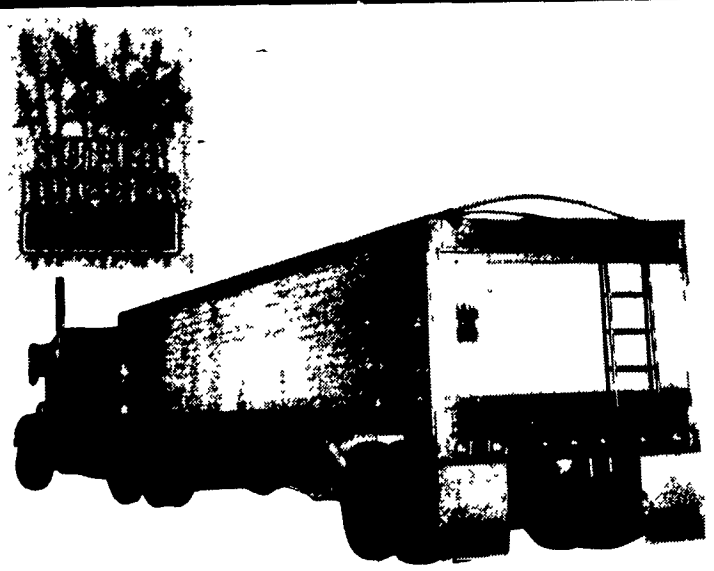

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24 foot Ruff Neck trailer on left is Eby's workhorse. Trailer on the right is an economical, 16 foot Wrangler.

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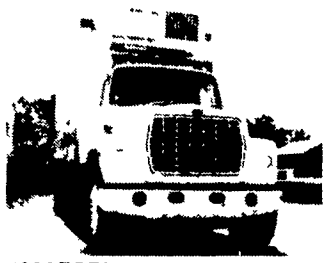
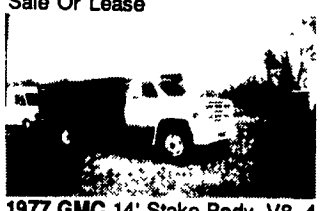


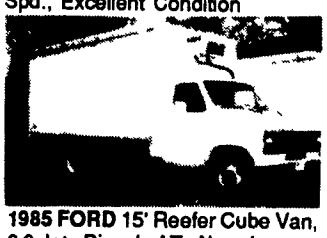
1984 FORD LN 8000 18' Ref. Box, Ther-King, MD-1-SS1V Dsc Unit w/ Standby 3208 Cat, Fuller 7 Sp 31,800 GVW Cab, AC, HD Box with Side Door & Roll Up Back Door, Fleet Maint.-Record's Available, Exc. Cond. Available For Sale Or Lease

1977 INT. 1700 Loadstar Tractor, V8, 5 Spd/2 Spd Trs. Air Brakes, 10 20 Radial Tires, 70,000 Original Miles, Well Maintained, No Rust **$3,900.**

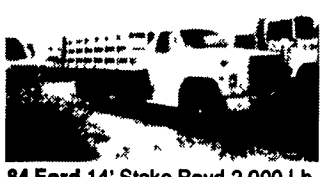


1977 GMC 14' Stake Body, V8, 4 Spd., Excellent Condition

1981 INT 12' Reefer Box Thermo King, 9 Liter Diesel Eng., 5 Spd./2 Spd. Trans., 32,500 GVW, Excellent Condition, Just Came Out Of Service, Ready To Go Back To Work



1985 FORD 15' Reefer Cube Van, 6 9 Int. Diesel, AT, New Inspection, Ready To Go To Work, Available For Sale or Lease



84 Ford 14' Stake Boyd 2,000 Lb. Lift Gate, 370 V8, 4 Spd./2 Spd. Rear 46,000 Original Miles, Garage Kept. Fleet Maintained.

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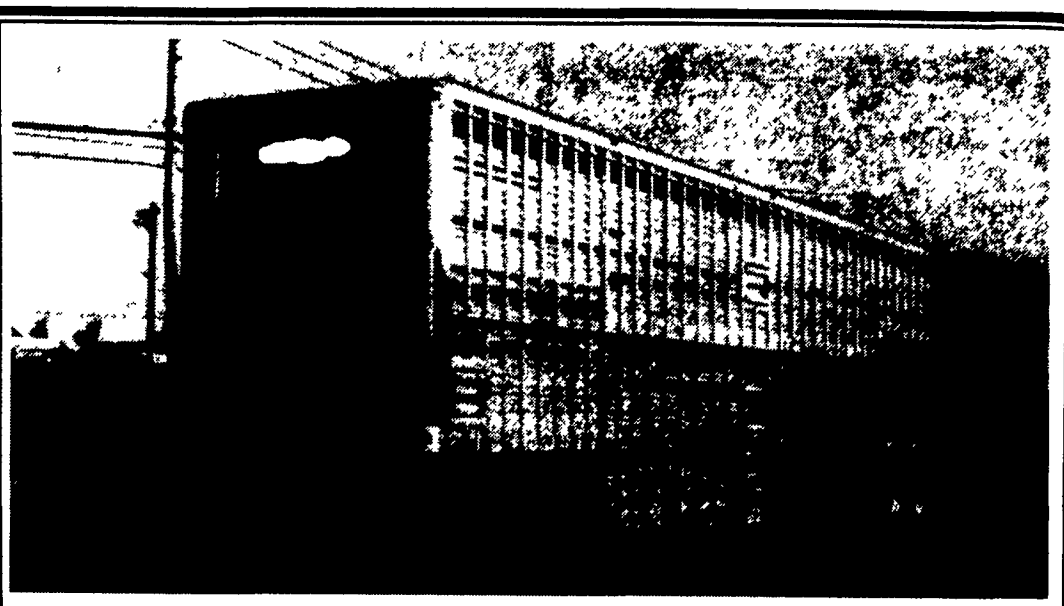

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1981 EBY 48' Possum Belly Hog/Cattle
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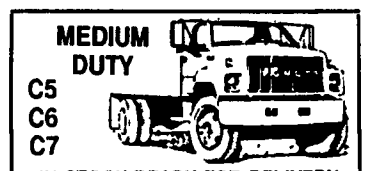

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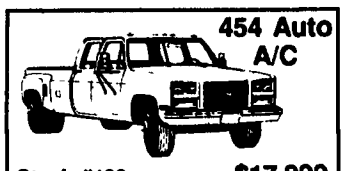

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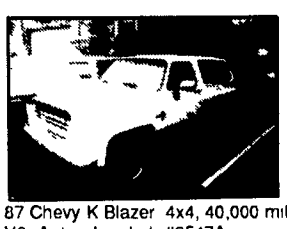
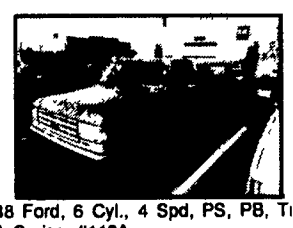
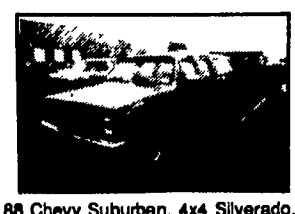


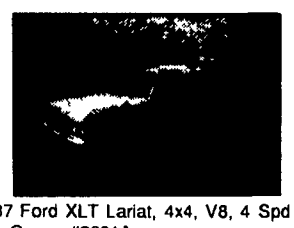
87 Chevy K Blazer 4x4, 40,000 miles, V8, Auto , Loaded, #9547A
Was $12,995 **Now $12,495**



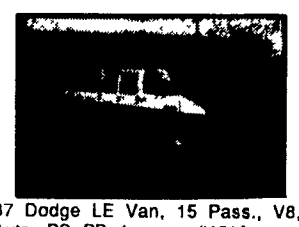
88 Ford, 6 Cyl., 4 Spd, PS, PB, Tilt & Cruise, #113A,
Was $9,995 ..... **Now $9,495**



88 Chevy Suburban, 4x4 Silverado, Loaded, 30,000 Miles, #9458,
Was $18,495..... **Now $17,995**



87 Ford XLT Lariat, 4x4, V8, 4 Spd , 1 Owner #9691A,
Was $11,995 . **Now $11,495**

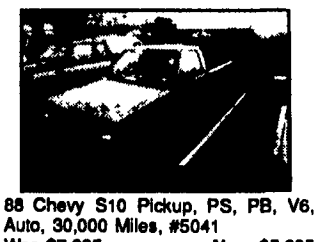


87 Dodge LE Van, 15 Pass., V8, Auto , PS, PB 1 owner, #121A,
Was $10,495 **Now $9,995**

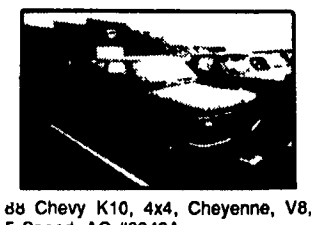
88 Dodge Ram Charger, LE, 4x4, Loaded, Local, 1 Owner, V8, Auto, 19,000 Miles, #101A,
Was $13,995 ..... **Now $12,995**

86 Ford F150 XLT Lariat, 4x4, V8, Auto, Loaded, Local 1 Owner, #158A, Was $10,495..... **Now $9,995**

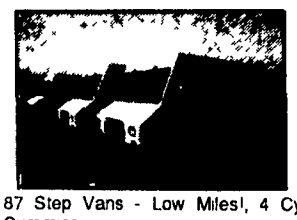
80 GMC 1500 4x4, Sierra Grande, V8, Auto, 45,000 Miles, #209B,
Was $6,995..... **Now $6,495**



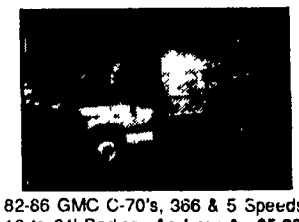
88 Chevy S10 Pickup, PS, PB, V6, Auto, 30,000 Miles, #5041
Was $7,995..... **Now $5,995**



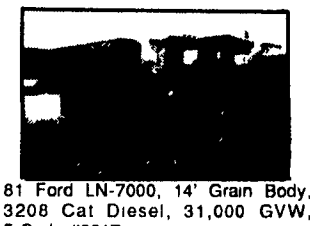
88 Chevy K10, 4x4, Cheyenne, V8, 5 Speed, AC #9649A
Was $11,995 .. **Now $9,995**



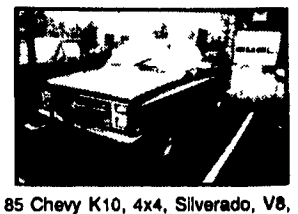
87 Step Vans - Low Miles!, 4 Cyl Cummins
As Low As **$12,500**



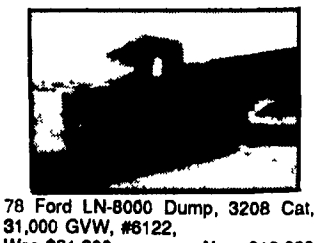
82-86 GMC C-70's, 366 & 5 Speeds 18 to 24' Bodies **As Low As $5,995**



81 Ford LN-7000, 14' Grain Body, 3208 Cat Diesel, 31,000 GVW, 5 Spd , #6217
Was $18,995. . **Now $16,995**



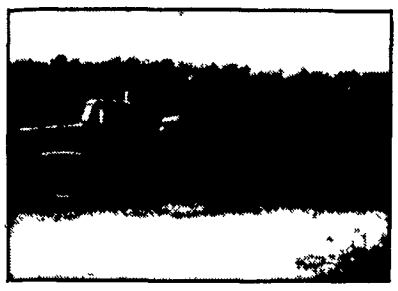
85 Chevy K10, 4x4, Silverado, V8, AM-FM Cassette, PS, PB, #9441A, Was $9,495...**Now $8,995**



78 Ford LN-8000 Dump, 3208 Cat, 31,000 GVW, #6122,
Was $21,900..... **Now $18,999**

35 TRUCKS & TRAILERS

1974 Ford Truck with mounted 410 Knight manure spreader. Good condition $13,000. Call Jim - (717) 789-3960



1973 FWD 10 Wheel drive trucks with 540 Meyers equalizer manure spreaders. Excellent for chicken manure. $30,000 each. Good Condition. Call Jim - (717) 789-3960.

36 REAL ESTATE

Approx 79 acres in Bedford Co., PA. Mostly quite level ground. Approx 10 acres wooded. River bordering acreage. $79,000. Call owner 814-733-4363

Attention Hunting Clubs-Investment Opportunity-50+ acres in Lycoming Co. next to State Game Lands, near Pine Creek. Lodge w/2 fireplaces, 5 outbuildings for RV & equipment storage. Sale, Lease or Lease Purchase. 215-637-4699

BRADFORD COUNTY, 3 bedroom ranch on 7 plus acres rural setting views remodeled kitchen, $48,900. Endless Mountain Real Estate. 717-297-2409. Call Jim Goodrich 717-596-3228

BRADFORD COUNTY, 2 story 3 BR 2 bath home on 50 ac ballroom new vinyl siding, 3 septics, 2 mobile homes ideal for bed & breakfast located on major highway, $160,000. Endless Mountain Real Estate. 717-297-2409. Call Dick Berry 717-596-2935

Bucks County, Forty Five Acres, pond, two houses, barns, 1800' road frontage, owner financing. $1,000,000.00 Box 455, Warrington, PA 18976.

Buy Owner 250A Diary Farm, will sub-divide, South of Penn Yan, NY. $150,000.00 315-253-2874.

COLUMBIA COUNTY, 169 acres, 84 tilled, sping fed pond, adjacent State Game Lands, Jerseytown -Whitehall -Washingtonville area. Must See to appreciate. $319,000.00 703-671-7285.

DAIRY FARM FOR RENT, Wayne Co., PA. 130 acres: 70 tillable, 35 pasture, 25 woods 4 bdr. home, bank barn with silo, 40 tie stalls, 9 stanchions, 4 pens. Dumping station, cube cooler, bulk tank. $1,700 per month. 717-798-2977.

DEEP CREEK LAKE, MD: Views! Lakefront and Lake access homesites available. Call for FREE Color Guide to Homes. A&A REALTY. 1-800-336-LAKE

Desire to swap 10-acre farmette, located 10 miles SW of Lancaster, for acreage suitable for farmstead. Please reply to: KS, 145 Witmer Rd., Conestoga, PA 17516. 717-872-5712.

20 acres of farm ground, perked, in Tioga County. (717)649-5009.

FARMETTE: 20 Acres Main house and 2 rentals on property, outbuildings, horses, dairy farm or commercial use, additional land can be purchased. MD/PA line. Adams County. 717-359-5793.

10-Acres -Southern Lancaster County. Ideal for farmette, orchard, homesite No further sub-division permitted. Standard perk $62,900. Century 21 Ask for Joanne 717-786-2131 or 717-786-2440 Eves.

112 Acre farm in Dauphin Co. along Rt. 147. Renovated 13 room house, barn and several outbuildings. 90 acres tillable 717-597-8708 after 4PM.

1977 Ford LN9000, 290 Cummins, 10 speed road ranger, w/Henderson rears, $7,500. (301)879-1981.

254 acre Minnisota farm, 185 tillable, plush split entry home (appraised $80,000). Large buildings (1 52x112'), concrete flooring, matching metal, 6 year old set of buildings. Financing $165,000. Cash $145,000. 218-837-5320.

268 acres dairy, Franklin County. VanCleve Real Estate. (717)392-3032.

5 miles south of Carlisle beside Cumberland Golf Course, 2 story farm house with 3-car garage, large barn and outbuildings on 8 acres. $124,900. Phone owner, 717-486-5089.

66 acres Western Berks County, PA. House, barn, sheds, large pond. Nice location, $289,000. Pieller Realty. (215)693-5624.

70 acre farm, house and barn for sale by owner. (301)658-2288 for more information.

73.5 acre farm, about 40 tillable & 30 wooded acres, strong springs, excellent hunting. Perk tested. Southern Columbia Co. $1,350/acre. No calls after 6 p.m. No realtors. Call 717-799-5703

½ -acre wooded building lot, perked-probed-surveyed, within five minutes of New Holland, Lanc.Co. 717/354-5867.

10 Acre Juniata County Farmette, 15 miles West of Mifflintown, 5 bedroom house, 40'x97' bank barn, wagon shed, hard road frontage. Financing available. $65,000 -additional acreage available. 717-734-3154.

FOR SALE: NE Lanc. Cty, Farmhouse features 4 bedrms, on 2.5 acres with greenhouse, bank barn and lots of room. Zoned for two horses. Call for more information today. ERA HOP USNER & ASSOC. 717-738-2005 or 717-627-1230.

FOURNIER REAL ESTATE
St. Lawrence Valley: All Types Real Estate. Dairy, land, hobby farms and waterfront. Bradley Love, Salesperson. RR2, Box 274, Gouverneur, NY. 13642. 315-287-2234

For Sale: Fort Myers, Florida. Converted Fifth Wheel, located in Condo Park, Gulf Access, landscaped, shaded lot, screen room, central heat/air. Low $40's. Call 813/267-0887.

LYCOMING CO. DAIRY FARM: 175 free stall barn, 5 silos, double six Herringbone parlor, 4BR house, 130 acres, more available. 717-494-1551.

MARYLAND two farms, One with total irrigation, former dairy with buildings, excellent soil, level acreage. Also, excellent beef cattle farm, excellent house and buildings. Call Mr. Hanney, Realtor. 301-747-1473.

MARYLAND We have a catalog of farms of all sizes and types for sale. Free information by request. Mr Haney, Farm Realtor, L&F, 301-747-1473.

Modern 196 acre dairy farm still in operation, prime location, alfalpha land, buildings, and gravity spring water, (518)425-3381.

FOR RENT: Modern 45 cow tie stall facilities w/silo, office, pasture. Northwest Berks Co. Available immediately. Feed available for purchase. 717-933-4859

VICTORIA, VIRGINIA
150 acre farm, remodeled home, barn, fruit trees, nice stream, pond sites, long road frontage. 30 acres open, balance in timber. $185,000. Owner financing.
Call after 8 PM
804-696-1178

A beautiful 23 acre horse farm - stream, pond, barn, pasture, etc. Great location along the Maryland line in Southern York County. Show place potential! For details please call
717-235-0693

ESTATE SALE
Wayne County, Pennsylvania, 158+/- acres, farm house, barn, silo, extensive road frontage on township road, stream, views. For information, contact
Jeffrey S. Treat
Attorney for the Estate
606 Church Street,
Honesdale, Pennsylvania 18431
at 717-253-5953

EASTERN SHORE OF MD
One of the best farms in Kent County, Maryland. Mostly matapeake and sassafras soil. 229 acres formerly a dairy farm, excellent for crops or nursery, good highway exposure, for the specialized agricultural operation. $900,000.
ERA KENT CREEK REAL ESTATE
Galena, MD
(301) 648-5656

COMMERCIAL PROPERTY
Is your agricultural related business looking to expand into a very reasonably priced leased facility, rebuilt or remodeled for your needs? Located 10 minutes from PA Turnpike Exit 20, North Lancaster County. Let's talk!
(717) 664-2629

WESTERN BERKS DAIRY FARM
153 acres w/beautiful stone home, barn, pond, and other out buildings. 120 acres tillable, mostly limestone soil, subdivision possibility.
EAST PENN REALTY, INC.
(215) 944-6300

28 acre farmette, 10 miles NW of Gettysburg, approximately 700' of state road frontage, 7-room red brick farm house w/2 baths, small pond, and approximately 5 acres of woodland w/scenic view. Asking $165,000, for sale by owner.
(717) 677-8893

SOUTHERN YORK COUNTY
44.7 acres, 40 acres tillable, air strip is very possible. $129,000.
27.4 acre farm, small house, bank barn, stocked Trout stream, 10 acres tillable, $189,000.
Large bank barn, small stream, 3.3 acres ready to build on. $48,500.
Olde Mill Real Estate
717-244-8511

OPERATING DAIRY FARM
150 acres, 100 tillable, bank barn, pole barn, storage barn. 4 bdr. house. All necessary farm equipment, and 26 cows. $150,000.
LEW Real Estate
141 Chestnut St.
Corning, NY 14830
607-937-5637

FOR SALE:
By The Jefferson/Lewis County line, 250 acre dairy farm, 95% tillable, 4 BR modern home, 115 head of cattle, pipeline milker, Harvestore for high moisture corn, modern machinery, 20,000# herd average, high in butterfat and protein. Reason for sale, lack of health. More details call
(315) 346-1265,
if no answer call (315) 346-1170 evenings if possible.

FOR SALE
NORTHUMBERLAND COUNTY
26 acre hog farm, 53'x59' barn, 65 sow farrow to feeder pigs, turn-key operation. Room for expansion. Concrete manure pit 65' in diameter 8' deep, built in 1989. 30'x50' Holland stone one story dwelling, 4 bdrs., two baths, family room, two-car garage built in 1975.
SHEETZ REAL ESTATE
255 W. Main Street
Mount Joy, PA 17552
717-653-6313
Ask for Gene

142 acre farm, Clinton County, Lamar Township, close to state forest, new barn, older home, good view of the valley, excellent hunting: bear, deer, turkey. Good spring water, new wiring, new plumbing, hot air multi-fuel furnace, new hot water heater, new septic tank. 60% fields, balance woodland. 4 mile from I80 Route 220 Intersection. $167,500.
Big Woods Land Company
Contact Bob Maguire
(717) 769-6445 Days
(717) 748-8603 Evenings
Other parcels available, call today for complete list.

TIOGA COUNTY
50 acres all wooded, excellent hunting area, good bldg. site, springs. $30,000 #1061
Koch REAL ESTATE
9 Cone Street, Wellsboro, PA 16901
717-724-3500

Possibility For Rent
1,000 to 1,500 head hog finishing set up. Includes modern farmhouse, barn & shed. Along w/2 liquid manure pits. In East Hanover Township, near Grantville, Lebanon Co.
Please Call
717-249-2418
Ask For Ed

FOR SALE: 145 Acre, 80 tillable dairy farm. 50 cow, one story barn, pipline, 600 gallon tank, 18x60 silo, bank barn (needs work), 2 sheds, house (needs work), Mobile Home $215,000 Some FHMA money to qualified buyer Juniata County 717-694-3176.

Montour Co., 78 acre farm, 4BR house, barn, 72A tillable, access road frontage. Limestone Valley near I-80, $234,000. (717)649-5385 between noon-2 p.m

Newport 13.8 acre farmette, 4BR, good shed and bank barn, 30 minutes from Harrisburg. (717)567-3842, (717)567-6293.

Owner offers 50 beautiful acres for hunting, recreation, etc 500 acres terms, Steuben County, New York. (607)962-1403 evenings, enjoy Happiness.

Perry Co. 9.68 acre wooded lot, perked and approved, quiet, good for hunting or personal dwelling. 3.1 acre wooded lot, road frontage, perked, approved. Both near Loysville. 717-438-3115.

SELLING YOUR FARM? Interested in tax savings? Please call Lancaster Farmland Trust for new options and connection with preservation-minded farm buyers. Karen Weiss 717-293-0707.

Southern York County 163A Farm, 75-tillable, 75-woodland, 80x80 barn, 4BR house, other buildings. $2,100 00/Acre 717/927-6564 Evenings

Spectacular View! 62 acres, new well, perked, pond, barn Northeastern PA $79,900. Coldwell Banker J. Ferrario Real Estate 717-265-4142 Ask for Jane Snyder 717-744-2420

Steuben Co., NY MOUNTAIN GROUND WITH CABIN SITE 5+ acres of exceptional wooded & open ground w/ access to 1000's of acres of NATURAL FOREST LANDS-only minutes from Pennsylvania's picturesque Cowanesque Lakes, fishing, boating, swimming & recreational activities-good hunting area. Full Price $5900.-$600. down-$102.31 per mo.-12.5% int.-180 mos. Owner Financing. Beard Real Estate. 814-258-7117

Vacation land, lake. 9-5 acre lots. Fishing, hunting 7 mi. Rt. 81, East Freetown, New York 607-836-6775 Near State-Land.

WANTED TO RENT Country girl with children desires S. Lanc Co home. Willing to do farm chores or milking. Annie 717-284-2340.

WANTED TO BUY: Lancaster County dairy farm 150-250 head freestall. Any area. 717-293-0707.

WANTED: Would like to buy a 60 cow plus dairy farm within 50 mi. of Carlisle. Limestone soil preferred. Have 15 years experience with cows and crops. Write: 1217 Redwood Hill Circle, Carlisle, PA 17013.

WANTED
Farms or Farmland in Lancaster area.
Call David Charles
717-569-3131

WANTED
Farms
Lancaster &
Surrounding
Counties.
Call
717-653-5552
Ask For Howard Boyd

JUNIATA LAND SALE
- 2 Choice Building Lots, Public Water and Sewer Within Minutes Of SKI SNOW PEAK,
- 82 Secluded Acres, Near SGL.

We act as land locators
Contact: Charlie Brooks
DENNIS E. BECK REAL ESTATE
Office: 717-627-2325 Home: 717-436-8431 (Anytime)

CUMBERLAND CO. - 78 acre hog & beef farm, limestone soil, 1200 feeder pig operation with contract 2 floor bank barn 16x70 stave silo w/unloader and conveyors for 80' precast H trough 4 bdm frame & alum siding dwelling For details call Charles or Wib

61 Acre limestone dairy farm, 33 tie stalls, 400 gal bulk tank, stable cleaner, 16x60 silo w/unloader, 4 bdr brick dwelling Call for more details

We have buyers for farms If you are thinking of selling, give us a call for a free evaluation of your property

For Rent
Cumberland Co. Dairy Farm 115 acres, sandstone soil, 56 tie stalls, pipeline milker, Contact Charles Wenger

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 776-7707
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the April 28 or May 26 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St,
State College, PA 16801
(814) 234-4000

So. Northumberland Co. & Surrounding Counties

Ideal location 10 to 70 acres, located at end of road, part log home w/exposed ceiling beams, needs remodeling, excellent barn, stream thru pasture.

6 miles North of Lykens Valley, 150 acres, 90 tillable, mostly level, 20 pasture w/streams thru, 5 bedroom home, 80' heifer barn w/silo, no dairy barn. Easy owner terms

Large remodeled colonial, 3 barns, 10 acres, more acres available Owner Financing, No Down Possible

Large colonial, 3 barns, 170 acres Owner Financing, No Down Possible

36 stanchion dairy barn, 2 silos on 25 acres, 20 tillable, 5 acres in corn, no home, septic for trailer. Only $79,000 - Possible rent option

300 steer feedlot, 3 Harvestores, 8 acres newly fenced. Owner financing $77,000

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees No Down or Rent Option $69,000.

Snyder County: 3 acre farmette, 3 bdr. 90 year old home-in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road $155,000

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177

COLUMBIA CO.

#291 Catawissa area. General farm, 75 acres, bank barn, stream, gently rolling acreage, 4 bedroom - 2 story. $136,900.

#270 Millville area. 10 acres, level to rolling, 30 mile views, features a 4 bedroom split level home, family room & sun room, 2 car garage & satellite dish. Owners are motivated. $129,973.

MONTOUR CO.

#290 Danville area. Horse lovers. 24 level to rolling acres, 8 wooded, balance pasture. Nice views. $59,900.

#265 Danville area. 160 +/- acre dairy farm, 4 silos, 3 barns, stream, restorable brick colonial 2 story. $385,000.

ERA® AMBROSINO REAL ESTATE
13 W. Mahoning St.
Danville, PA 17821
717-275-5711

BEAUTIFUL SOUTHERN LANCASTER COUNTY HAS 3 FARMS FOR YOU

91 acres with 4 bedroom, 2 story, large barn and milking parlor. Only $500,000

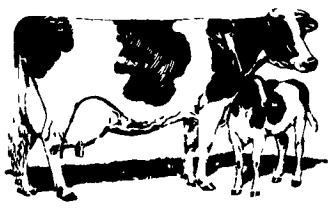
96 ac. beef operation with 4 bdr. 2 story, lots of road frontage. Only $575,000.

70 acres with 4 bdr. 2 story cement block building to handle approx. 30 to 40 head. Only $375,000.

Town & Country REALTY **Call Clarence**

250 N DUKE STREET **Office (717) 299-4885**
LANCASTER PA 17602 **Home (717) 284-4423**

FARM FOR SALE



SUBURBAN REALTY
FARM DIVISION
30 W. Main St.
Annville, PA 17003
717-867-4487

"Lebanon County" Pennsylvania Broiler Raising Operation
$469,000
Modern Two 40'x360' two story broiler houses, over 50,000 bird capacity, existing contract, 10 acres.
Call
Francis Ullshney
272-2989

WRITE OR CALL FOR BROCHURE OR FARMS & LAND

NORTHUMBERLAND COUNTY

1. 194 Acres, 174 tillable Hagerstown loam, 154 free stalls, double 6 milking parlor, 3 silos 24x84, 24x60, 20x60 sealed, equipment shed, pond, large brick 4 bedroom home + small stone guest house.

2. General Farm, 70 acres mostly tillable, one 20x60 sealed silo, 3 br brick home and bank barn.

3. 10 Acre Veal Farm, with stream set up for 120 calf operation.

4. 62 Acre general livestock/horse farm, 40 acres, tillable. 2 story house and barn.

5. Lancaster County 96.8 Acres Prime for development. 10,000-15,000 sq. ft. lots, easy access to public water and sewer, 1 mile from Lancaster City.

Town & Country Realty
Call Agent: Harry Zimmerman
Office: 717-299-4885
Home: 717-355-2048

WANTED

Farms for development. Whole farms or portions. We are looking for cash buyouts, owner financing or joint ventures. We are willing to assist with tax deferred exchange scenarios. Call

Denver Development Co.
(215) 267-3526 or
(717) 733-1100

1876 Tastefully renovated 5½ acre stone farmette. Cathedral kitchen ceiling with exposed beams. Velux roof windows. Wide plank and ceramic tile flooring. 30x30 new bank barn, 3 split rail paddocks, balance of land in mature woodland. Private setting with miles of adjacent wooded trails. Located between Allentown and Reading.

215-944-0314
Evenings
215-267-0500
Days

HEYWORTH REALTY
Call: Lawrence Stouffer,
Day: 717-733-3701, Nite: 717-597-2584
FARMS & LAND

JUST LISTED. 218 acs. Dairy/Beef Farm. Gentle rolling land, strm, pond/well. Lots of rd. frontage. Owner financing. $259,900.

HISTORIC ESTATE. 12 rm. stone home. Good horse/beef farm w/strm near Eisenhower farm, Gettysburg. Approx. 2 mi. rd. frontage. $899,000

DEVELOPERS/INVESTORS. 144 ac. Dairy Farm w/public sewer. Zoned Indus-Agri-Res. Conrail RR borders farm. Near rapid development area.

HORSE LOVERS. 26 acs. Historical brick home. Horse barn, strm. thru prop. Good loc. $299,500

HUNTERS PARADISE. 100 acs. w/mtn. land & strm. Mins from I-70. Only $60,000.

PERKED/READY TO BUILD ON:
3.12 acs $31,250
9.33 acs $58,500

REDUCED - MOVE RIGHT IN. 7 rm 2 story brk home on 1.18 acs. Completely renovated attic to basement. Mins fr. town. $88,900

INVESTMENT POTENTIAL UNLIMITED! 2 houses, 5 rental units. Some rehab needed 3 units. Near shopping & schools. $89,900.

FARMS FOR SALE

1. Central PA, Huntingdon County 388 acre dairy farm, 300 acres tillable. 2 sets of buildings. Pipeline milkers, free-stall barns, 2 large concrete silos, 1 Harvestore grain storage. Farm can handle over 100 milk cows.

2. 175 acre family dairy farm, 150 tillable acres. 2-story, 4-bedroom house. 44 stanchions in dairy barn. 18x45 concrete stave silo. Beautiful setting w/excellent road frontage.

3. 120 acre woodland, nearly level. Take your pick. Seller will survey. Near Route 522 in the new industrial park. Buy all or part. You make the choice.

4. 100 acre farm, barn, house. 4 miles from Lake Raystown. Level land. Can be subdivided. Near State Game Land.

Colonial Real Estate Agency
W.R. Yocum Broker
104 Third Street
Huntingdon, PA 16652
(814) 643-4070

GRAIN ELEVATOR AND WAREHOUSE

Located on Maryland's Eastern Shore in one of the finest farming areas for small grains, corn and soybean. The facility is centrally located to serve a three county area on Maryland Route 404 only 30 minutes from the Chesapeake Bay Bridge. The zoning is industrial in the town of Queen Anne. For more information call Jim Crothers at Walsh and Benson, Inc., 301-822-1415.

WALSH & BENSON
INCORPORATED
REAL ESTATE
DOVER & HARRISON STREETS
EASTON, MARYLAND 21601

Farm list and sales specialists. Call Ted Cochran or Janet Nicholson of Grempler Realty Inc., E.H.O.B. 301-879-0900.

WANT TO PURCHASE
Farms In Lancaster Co.
717-393-0646
Ask For Dave Skidmore

WANTED:
One dairy farm w/dairy store on it.
Box R4
Lancaster Farming,
P.O. Box 609
Ephrata, PA 17522

Investors - Farmers - Approx. 650 acres of prime land located in Southern York Co. Good producing soils, excellent state of cultivation, stream. Call for more details. List #LF6371-15.
MEMBER MLS
KEY
108 York St.
Hanover, PA 17331
(717) 632-6400

Lake Wynonah
Water front lot $21,000, also $49,500. Lovely lake view lots $6,950 and $15,950.
1-800-542-2933
Ask for Andrew
CRESSWELL
717-874-0147

FOR SALE
Lancaster Co. Dairy Farm
76 Stanchion Barn
4 Silos, barns
5 Bedroom house
132 acres tillable
Call Dave Skidmore
717-393-0646
Hogan & Assoc.

CABIN FOR RENT
Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters
$150/Weekly
717-658-9555

Midway Penn State and Raystown PRICE REDUCTION 11 wooded acres, lovely view, deer hunting, near boat ramp, Juniata River, small mobile w/electric. $18,900
KINGSWAY REALTY
1770 Oregon Pike
Lancaster, PA 17601
717-569-8701
717-733-3344

102 acre farm w/stream & woodland. 70 acres tillable. Nice 5 bedroom house & barn. Northumberland Co.

110 acre farm, 76 acres woodland, 31 tillable. 5 bedroom house & bank barn. Ideal for hunter or small farmer. Snyder Co.

6 acre farmette, 4 year old house, barn, garage & in-ground pool. Northumberland Co.

80 acres woodland, surrounded by 8,000 acres of State Game Land. Hunters Bargain! Northumberland Co.

Call Martha Ross
717-374-2121
Century 21 Central Penn Associates
Weekend & Evenings Call
717-286-0215

BERKS COUNTY
322 ACRE DAIRY - 250 acres tillable, 90 stall main barn, 5 silos, excellent house, heifer barn and machine shed.
186 ACRE DAIRY - 110 acres tillable, exceptional manor house, large pasture w/ stream, good working farm.
139 ACRE GENERAL FARM - 120 acres tillable, Civil War brick farm house, bank barn, stream and beautiful scenery.
NORTHAMPTON COUNTY
117 ACRES - 15 minutes north of Lehigh Valley Mall, beautiful views, ideal for development.
new pennsylvania realty, inc.
Gary Coles, Farm Broker & Appraiser
717-386-5000 or 215-398-2559
Box 123, Rt. 1, New Ringgold, PA 17960
Specializing in Farm Real Estate in Berks, Lehigh, Northampton and Schuylkill Counties Since 1974

TIOGA COUNTY
UNIQUE OPPORTUNITY looking for a big building to store materials in? This old grange has 3862 sq. ft. $12,000 W-584.
GENUINE STONE HOUSE 125-yr. old grainery, turned house in early 1900s, easily accessible from highway, near both NY & PA. $39,500 W-585.
3 BR LOG HOME ON 45 ACRES, 3 fireplaces including made of stone fireplace, private/views/ garage, 24x24 barn. $115,000 W-586.
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ERA Homestead Realty
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NATURE - NEIGHBORS 2 BR ranch on 25 a. of woods, pasture, borders State. $90,800 M-382.
ALMOST COUNTRY spacious 4 BR, 2 sty. on 19 62 a. near town. $80,000 M-383.
YOU OWN - THEY PAY 2 unit w/good income stream. 1 lg. 3-4 BR & 1 smaller 2 BR. Tenants pay gas & elec. $60,000 M-372.
62 ACRES OPEN /woods, borders state forest land, private, hunters delight. $29,500 M-384.
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APPOMATTOX CO., VA. 60 acre farm, 45 acres grass, tillable, 15 acres woodland, 2 streams, lake site, ideal for horses. Completely remodeled 2-story home offers 4 large BRS, big closets, 2 full baths with dressing rooms, zoned hot water heat, pegged plank, oak & heartpine floors, tastefully decorated, long State Rd. frontage, a one-of-a-kind and ready to move into. $149,900
CAMPBELL CO. For those who can afford everything. 14.7 acre mini-horse farm. 5 yr. old 2-story brick home offers over 4100 sq. ft. of quality construction, 4 large BR, 4½ baths, attached 20'x40' indoor swimming pool. Too many fine features to list. Modern horse barn can accommodate approx. 6 horses. About 10 min. from Lynchburg, VA in a low tax area. $325,000.00. For more info. call
Russell Davis 804-384-1192 or
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804-846-5236

336 Potter County Dairy Farm
78 cow pipeline, 3 silos, good corn & alfalfa growing. Good milk market.
814/848-9703

Rapp Real Estate
Donald M. Rapp, Broker
Van Montague, Agent
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BORDERING STATE GAME LANDS, *southern Huntingdon Co. 4 level wooded acres, having a 50x85 building w/concrete floor w/2 large public type bathrooms, overhead garage doors on three sides (8 doors). Large septic system w/dumping stations for campers-trailers, approximately 2 acres has been stoned and contains electric hookup.*
Also-2 story brick home having living room w/brick fireplace, kitchen, den, 3 bedrooms and full bath (good condition). Attractive owner financing, property has great potential.
Rapp Real Estate
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CENTRAL VIRGINIA
308 acre cattle/horse farm, 3 BR, 2 baths, brick rancher 166 acres open, merchantable timber, 5 acre lake, 1½ mile paved road frontage. A good buy for $335,000.00.
138 Acre cattle/horse farm, 103 acres of excellent pasture and hay land, large creek, lake site, 4 BR, 2 baths, modern home, numerous out buildings. Only $200,000.00.
254 Acre grazing farm, several barns, long road frontage. Only $254,000.00.
18.96 Acre farmette, 4 BR, 3 baths, brick rancher, several barns, 40 fruit trees, and pond. Only $119,500.00.
41 acre cattle/horse farm, 26 acre open, pond site, 5 BR, 3 baths brick rancher, large barn or shop. Only $185,000.00.
Brochures available
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Coldwell Banker Lafoon Realty
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Farmville, VA 23901
Office 804-392-6191
Home 804-392-4375

15 LOT APPROVED SUBDIVISION, western Chester Co., expanding area, for sale as entirety. **$285,000**
GOOD PRODUCE FARM SITE, 11 GOOD ACRES incldS 64'x40' mtl. bldg., well & septic. Silt Loam soils, So. Lanc. Co. **$137,500**
STONE COLONIAL ON 5 ACRES, 4 br, 3 fp, 1½ ba., large country kitchen, good condition **$210,000**
WHAT A LOCATION, Near Turnpike, Near Rt. 176, Near Rt. 23, Near Rt. 10, 2 sty Dutch Colonial on 2 wooded ac, 3 br, 2 ba, 2 fp, open beams..... **$129,900**
INVESTMENT OPPORTUNITY, Income property, 26,000 sq. ft. warehouse, (3) 2 br apts., 4 bd farmhse, (4) 1 car gars., 6.4 acs zoned Industrial, room for more bldgs. JUST REDUCED TO **$550,000**
COUNTRY PROPERTY WITH HORSE BARN, 3 br, 1½ sty home on 1 acre in So. Lanc. Co. Good Shape. **$114,900**
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REALTOR
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(717) 442-4134 DON SHAKESPEARE (215) 857-5464

SOUTHERN NEW YORK FARMS
Operating dairy, 110 acres with stream through farm, barn holds 110 milkers, set-up for Total Mixed Ration feeding with 20x80 haylage and 20x33 HMC Harvestores and 18x50 concrete stave silos, DeLaval pipeline with 8 units, one story home with 3 bdrs , 1¾ baths and modern kitchen, family room, oil hot water heat, $200,000 #426
Dairy Farm - with 98 acres, stream, 65 acres tillable, 30 pasture, excellent barn (36x100) with 20x50 and 20x33 Harvestores and 18x45 concrete silos Set-up for TMR feeding, DeLaval pipeline 4 units, Patz cleaner Good farm home with 3 bdrs , one bath Nice clean operation $200,000 #427
Dairy Farm, 270 rolling acres with 150 plus tillable, 1½ mi of road frontage, 2 streams, 2 ponds, 80 cow barn with pipeline, cleaner, Mow conveyor, Harvestore haylage and HMC units and 2 concrete stave silos, lots of out buildings Solid farm house in fair condition with 4 bdrs , 1 bath, wood and oil, hot air furnace $250,000 #425
Farmette, 28 acres with beautiful valley views Fully redone farmhouse w/3 bdrs , full bath, modern kitchen, oil h/w heat, large 2 car garage w/blacktop driveway and barn $92,000 #428
JOHN GABEL REAL ESTATE
Walton, NY 13856
607-865-6176

Water Haven - right on the Northeast River, MD. Secluded rancher on acre lot, 2½ baths, LR, DR and grate room, 2 fireplaces, garage, security system, many extras. $357,500.
Elegant 5 BR 2 bath, brick cape cod, LR, DR, FR w/fireplace. 1.5 acres. Quiet country community. Kitchen has cherry cabinets. Inground pool, quality plus. $279,900.
Feed Mill, 4 acres along Deer Creek. An operational feed mill, grain drying business. Well established for 150 years. Provide immediate turn key operation. Large warehouse. $199,000.
18.7 acres on the MD/PA line. Gorgeous rancher, only 3 years old. 3 BR, 2 full baths, Florida room, LR, DR. New barn. Farm equipment can be bought separate from RE. $209,000.
2 Story Victorian, seeder and stone on 12 acres. LR, DR, 4 brd., 3 fireplaces, central vac. 2 streams, cathedral ceilings, handmade moldings, many extras on this new construction. $450,000.
2 Houses on 13 acres completely wooded lot. Call on this one for list of amenities $339,000. Priced to move.
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1-800-243-2321
301-658-2321 301-398-3068

BEAUTIFUL FINGER LAKES AREA
DAIRY FARM, 470 acres, 170 acs tillable, ponds, creeks, main barn, 180x35, stanchions & cow ties, 2" S S pipeline milkers, 2nd barn for storage, machine shed, corn bin, 3 silos w/unloaders, 1,000 gallon bulk tank, out buildings, main house 3-4 bdrms, also 2nd home, $385,000. #2926
HORSE FARM, 13 acres, 100x82 professional horse barn, 9-10x12 oak box stalls, 60x100 indoor riding/ training arena, 24x24 holding paddock w/oak plank fencing, 16x40 2nd barn, oak w/cement floors. Reconditioned colonial home, 8 rms, 3 bdrms, 1½ baths, $129,500. #3043.
FARMETTE, 110 acres, 50 acres forest balance open, 55 assorted fruit trees, large 9 rm. home, 5-6 bdrms, garage, $180,000. #3042.
BEEF RANCH, 206 acres, 90 acs. tillable, creek, springs, 30x70 main barn, 40x60 basement barn w/ loafing area, 20x50 metal machine barn, 36x300 one story bldg., carriage barn/garage, 3 bdrm cape cod home, $200,000. Beef cattle & machinery included, #2877.
90 ACRES, wooded, stocked pond, 3 bdrm cabin, secluded area, excellent hunting & recreational property. $70,000. #2967.
SO. CORNING, 70 acres, forest, stocked pond, unfinished lot home, $75,000. #3036.
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Central New York Farms

1. 208 acres, milk up to 100 cows, 3 BR house $285,000 terms.

2. 111 acres, clean free-stall and milking parlor, 4 BR house, milk 80. $250,000 terms.

3. 330 acres, forage and feed for 450 cows, 2-family home $475,000 terms. ADDITIONAL 3 BR House and quilt shop, 8 acres $86,500

4. 237 acres, 4 BR house, milking 47, fully equipped, $265,000 terms.

All can be converted to horse, beef, or vegetable farming. Centrally located to Syracuse, Ithaca, and Binghamton.

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FINE NEW YORK STATE FARMS

STEUBEN COUNTY 1034 acres, 900 tillable, 200 free stall, double 6 parlor, feed computer, 3 concrete stave silos, 1 seal tight Madison, roll a mix feed mixer, conveyor, bunk feeder, 2 houses, cattle included. **$1,000,000.00.**

SILVER CREEK 530 acres, 300 tillable, 2 houses, dairy barn, tie stalls, pipeline, silos, one house is charming colonial with pillars. **WILL DIVIDE**

RIPLEY 575 acres, 320 productive, 100 free stalls, milking parlor, two family house. **$275,000**

WYOMING COUNTY 289 acre dairy farm. 3 silos, modern barn, pipeline, 75 tie stalls and gutter cleaners. 6,000 ft. road frontage. 180 acres tillable of good soil. Beautiful 15 yr. ranch. **$225,000**

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ALL SIZES UP TO 1000 ACRES

Free Stall, Stanchions And Tie Stalls

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DAIRY FARM
Near Oxford 185 acres. Large Loose housing with double 6 Herringbone Parlor, 5 silos and slurystore. 2 barns for young stock. Comfortable ranch style home plus mobile home on property. Also available is an exceptional 2 story dwelling for only $265,000. Very productive Chester County Farm. Asking $2,000,000. Call 717-464-4700.

SOUTHERN LANCASTER COUNTY DAIRY FARM
Beautiful 176 acres with a turn key operation. 52 stanchion barn, pipeline, bulk tank, bunk feeder, 2 Harverstore silos and 1 cement. Attractive remodeled 5 bedroom farm house in excellent condition. Stream in meadow. 2 implement sheds, heifer barn and corn barn. Call 717-464-4700.

TOP PRODUCING FARM GROUND
in southern York County. 130 total acres with 115 tillable and 8 wooded. No buildings and high producing soils. Spring and stream run through property. Plenty of road frontage and ideally located. $219,000. Call 717-464-4700.

10 ACRE PARCEL
in southern Lancaster Co., perfect for farmette or home site. Perked for standard system. No further sub-division permitted. Call 717-786-2131.

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WE HAVE FARMS ALL SIZES!

#1070 - Fantastic Buy - 190 acres, mostly level land, large two story dairy barn, 20x70 concrete silo, stone house, priced to sell $125,000. Financing to qualified buyer.

#1072 - Ill health forces sale of this modern productive farm. 80 cow conventional two story barn, pipeline milking system, 2 concrete silos, nice three bedroom home. Land is flat to gently rolling, choice location, 265 acres, 185 tillable. Priced reasonable at $240,000. Cattle and equipment also available.

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(607) 334-9727

Farm For Sale By Owner

Bradford County Dairy of Distinction

Farm

310 Acres 185 tillable (Highly productive for corn and alfalfa) 50 cow tie-stall barn (new in 1986) includes pipeline milker, 800 gallon bulk tank, barn cleaner, and silo unloaders. Dry cow barn with bunk feeder and other storage buildings. 22'x36' shop, modern 3 bedroom home with carpeting, one and one-half bath and two car garage

Farm is ready for immediate occupancy. Crops are planted! Contact owners for appointment and convenient terms.

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Wysox, Pa. 18854
Phone 717-265-3889

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267 wooded acres, level to gentle slopes, **borders STATE GAME LAND,** small stream, easy access, excellent deer and turkey hunting, owner will consider reasonable offers.

52 wooded acres, secluded, excellent deer and turkey hunting, sewage tested-$37,500.

5½ wooded acres, level, borders nice stream, secluded, easy access, hemlock trees, sewage tested, must be inspected to appreciate-$25,000, additional acreage available. Owner financing to qualified buyer.

Two adjoining parcels, ½ and ¾ acre, wooded, electric, standard septic permits, secluded w/easy access-$4,000 and $5,000. Owner financing to qualified buyer.

Two adjoining parcels of 1½ Acre each, wooded, standard septic permits, borders **State Game Lands** and gravel Twp road w/very little traffic, secluded, must be inspected to appreciate-$12,500 each.

10 wooded acres, within walking distance of ski slopes, hunting rights on 400 acres plus state land-$18,500.

For More Information, Contact

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NEW HOUSE
EXCELLENT HUNTING
KENT COUNTY, MD FARM
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240-Acre prime quality farm with 3-bedroom house located east of Minburn, Iowa. 216.2 crop acres. $1450 per acre.

80 Acres Central Iowa farm with nice house, grain storage, 45 acres crop and 29 acres in the Conservation Reserve Program with hog setup. Includes 20 crate farrow/nursery.

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Hog operation, new modern facility set up to handle 175 sows, farrow to feeder pig, nice ranch home, outstanding outbuildings. 70± acres of land with pond. F-1033 Contact J. Patrick Callahan 302-734-1313.

Poultry operation, totally automated, 15± acres, nice bi-level home, (2) 41x400 laying houses, $80,000 per year income potential 100 peach trees. This property can be divided. F-1030. Contact J. Patrick Callahan 302-734-1313

YORK COUNTY DAIRY FARM...

153 Acres (+/-)...120 acres tillable. Very private setting, set up for dairy or beef. Nice facilities! Stone farm house has 4 bedrooms. There is a small stream running through property.

MUST SEE!

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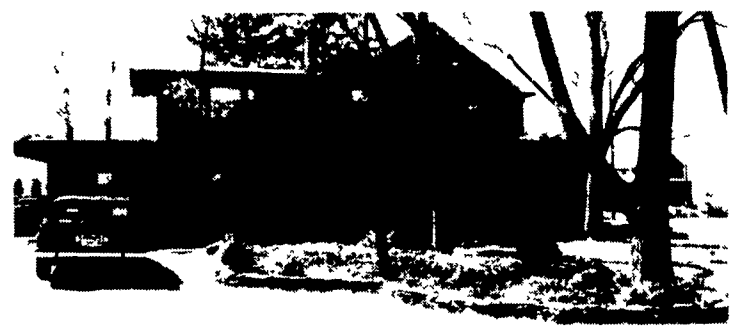

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Outstanding 2½ story limestone and redwood country home on 4.1 wooded acres near historic Schaefferstown in Lebanon County, Pennsylvania. 4 bedrooms, 2½ baths, large foyer. 35'x20' great room, solid black walnut walls, 10' recessed limestone fireplace, library, den, beautiful solid oak kitchen, 24'x12' Thermodor -Sub Zero, Appliances. Corian countertop. Attached office or studio 18'x21' Beamed ceilings throughout 3500 sq. ft. floor space. Red Barn 60'x40' and other outbuildings. Terraced garden, flagstone patio. Excellent condition.

$335,000 Phone (717) 949-6890

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118A farm, 100 tillable. Nearly new 4 bedroom home. Very nice location. $175,000.

37 Acres with beautiful view. Stocked pond, two road frontage, near state gamelands and state park with swimming, fishing, boating and hunting nearby. $1,500 per acre.

Terrific hunting camp on 2.4 acres. Sells furnished. New roof and siding, good sewer and water. View of state gamelands no 12. A great place to relax after a hard day of hunting or fishing. A buy at $40,500.

Pick wild blueberries in your own back yard! Lovely mountaintop home. Beautifully decorated, excellent 6 bedroom country home, new garage, greenhouse, large spacious rooms. Outstanding buy at only $67,500.

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Looking for farmland? Call us! We have two Amish farms available in the Myersdale area - 185 acres for $175,000 and 113 acres for $128,500. Some subdivision possible. Call
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$49,000
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52 Acres (m/l) farm, 2 miles North of 422 with 30 tillable acres. 40,000 Broil[er] 0 hog fattening operation. Agreement Pending [frame] house and bank barn (new siding). Call now to be first on this one man operation. Good cash flow.

ALSO:

220 acre dairy in high state of cultivation - 2 bank barns - 3 dwellings - 6 silos plus Slurrystore - 130 free stalls - double 5 parlor. Possession negotiable. Possible turnkey operation.

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1132 Acres (m/l) dairy with 600 P.A. - 300 free stalls on slats - 7 blue silos and huge trench - 2 nice dwellings. Too many details.

98 Acres river bottom soil with two dwellings and large bank barn. 68 Acres wheat - $95,000.

Call for video tape of any of these farms.

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in Clean and Green. Mostly tillable dairy farm on good state hwy. Eight room farm house. Barn 306x40 (new addition of 136x40 one story built in 1979) 100 stalls for milkers w/two inch stainless steel pipeline. Additional 14 stalls for yearlings; 29 stalls for calves (7 more in box pen); Two Badger head bar cleaners; 2 Patz chains, 6 Surge milkers; 1250 gal. Mueller bulk tank; 14x40 and 24x70 concrete stave silos w/Badger unloaders. M-628 $199,500. May be purchased w/tenant house on 2 acres and additional 30 acre tract for $259,500. M-627.

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For this mini farm north of Williamsport in Jackson Township. 23.65 surveyed acres, 2 story, 3 bdrm, 1¾ bath home with attached 2 car garage. 32x188 and 36x216 barns attached by 40x60 building. Would convert to many uses. Long views, paved road. Was $114,900, reduced to $99,500. M-493.

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at its best from this 98± acre tract of land in Rutland Township, Tioga County. Bailey Creek thru property (within sight of Mill Creek). Deer, bear, and turkey can be seen frequently on southerly slope overlooking surrounding country side. Approved sewage site. Mix of woods, tillable and pasture. Mansfield Schools. JUST $695 p/acre. HURRY! M-701.

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F303 - Mifflin County - Ferguson Valley - 100 acre production farm with gently rolling land, with road frontage, and stream through fenced pastures Large remodeled 4 bedroom farm house, 2 good barns and 2 silos A well maintained, picturesque farm. Ideal for dairy, beef, sheep or horses and good country style living Call Dallas Will, farm and land specialist Office (717) 248-5451 or Home (717) 543-5685

F152- Snyder County - Melserville - 112 acre general farm with creek, road and state game land frontage. Newly remodeled home with central vac, thermopane windows, stone fireplace, TV dish antenna and new plumbing and rewiring Large bank barn. Ideal for beef, sheep or horses Call Rick Walters - Office (717) 436-8839

F201 - Snyder County - 100 acre Christmas tree plantation, 90,000 premium Douglas Fir and Blue Spruce Trees First harvest can be made this year Call George Harrison - Office (717) 374-8106 or Home (717) 672-9127

F302 - Mifflin County - Ferguson Valley - 131 Acre dairy farm, free stall barn, 3 silos, pipeline, and manure storage pit Two story farm home and ranch home Adjoining land available for rent. Ideal for dairy or beef. ASSUMABLE FMHA MORTGAGE AVAILABLE. Call Dallas Will, Farm & Land Specialist - Office (717) 248-5451 Home (717) 543-5685)

L42 - Juniata County - Tuscarora Township - 83 62 acres. Road frontage on hard road. Excellent location for sub-division or home sights Good stream thru the acreage borders on state game land POSSIBLE OWNER FINANCING NEW SURVEY, Call Harold Ford - Office (717) 436-8839 Home (717) 535-5913.

C28 - Juniata County - Delaware Township - One story poultry house on 7½ acres built in 1987. Broiler house is 42x4[0] SOLD 16,800 S F , all new equipment, new well, the house is clean and ready for a new flock. Call Rick Walters - Office (717) 436-8839

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SCHUYLKILL COUNTY
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• In hunting area, 2 story home, vinyl sided, 4 BR & bath, kitchen DR, closed porch & sun deck, attic & basement, $26,000.

TIOGA COUNTY
• 98 Acre Dairy Farm, dairy bank barn w/Quonset laminated roof, plenty of storage space, 28 tie stalls & 4 large box stalls, 650 gal. bulk tank, sheds & garages. Ranch house with 2 BR's, office, large LR, DR, kitchen, basement with garage, 2,000' road frontage, $150,000.

BRADFORD COUNTY
• 400 Acre Dairy Farm, 280 tillable, 60 pasture, balance woods, pond, large 17 room home w/3 car garage, 71 stall barn w/pipeline, 800 Gallon tank, barn cleaner, 2 sealed silos, 20x60 and 24x82 and 16x50. A 2½ story home, 39 stall barn and 14x40 silo. $400,000. Cattle and machinery available at extra cost.

• 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 new Harvestore silos, 57 cow dairy barn & some box stalls, long fields, good soils, immediate occupancy. $310,000.

• 320 Acre Dairy Farm, 220T, balanced pasture & woods, features large 2½ story home w/kitchen, LR, DR, laundry, 5 BR, 1½ baths, enclosed porches & more. 82 stall dairy barn w/pipeline milking systems, bulk tank, Harvestore 3 silo's: 20x80, 20x75, 20x40 w/ unloaders, heifer & dry cow barn, lg. 48x100 machinery shed, $395,000. Cattle and Machinery Available.

COLUMBIA COUNTY
• 350 acres steer or horse farm, on gently rolling land, good alfalfa and corn ground. 4BR, modern house w/ wood and vinyl siding, 2-pole sheds, 24x80, 38x80, quanset shed 40x90, 1-story barn 250x44 with milk house attached. 2-silos. Will divide 17 acres w/building $150,000.00. Remainder of land $2500.00 per acre. Must buy at least 12 acres. Lots of road frontage.

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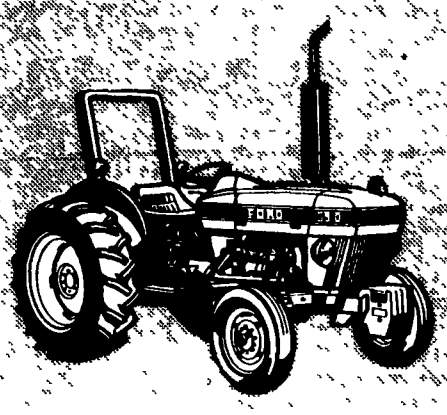

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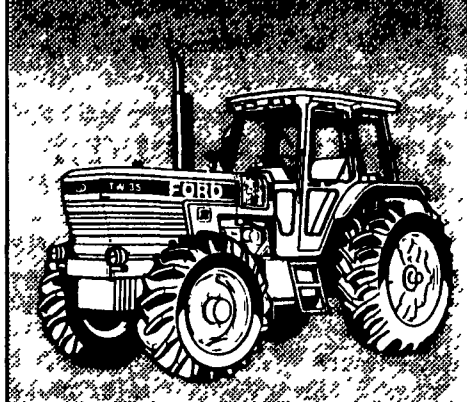

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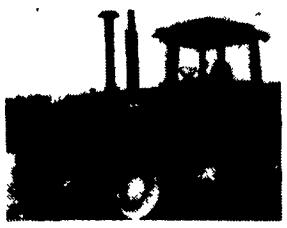

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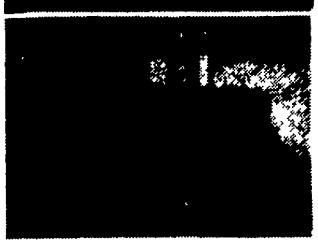
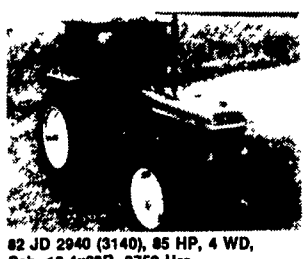
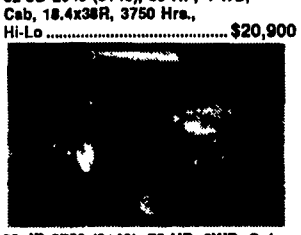


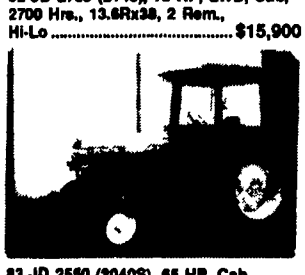
82 JD 4440, 130 HP, 4 WD, C/A, 3,500 Hrs., 18.4Rx38, 2 Rem, Quad . $22,900



82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18.4x38R, 3750 Hrs., Hi-Lo $20,900



82 JD 2750 (2140), 75 HP, 2WD, Cab, 2700 Hrs., 13.6Rx38, 2 Rem., Hi-Lo $15,900



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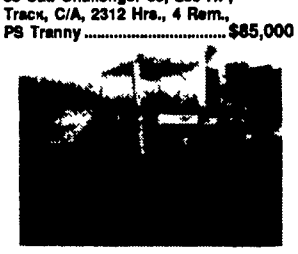

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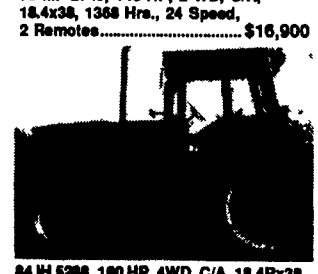
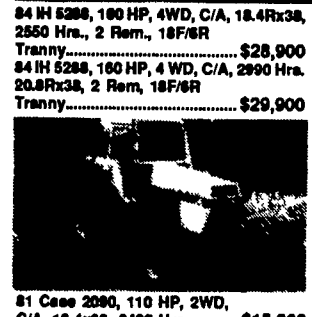


84 IH 5288, 160 HP, 4WD, C/A, 18.4Rx38, 2550 Hrs., 2 Rem., 16F/8R Tranny $28,900

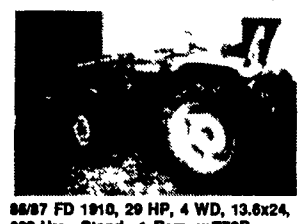
84 IH 5288, 160 HP, 4 WD, C/A, 2990 Hrs. 20.8Rx38, 2 Rem, 16F/8R Tranny $29,900



81 Case 2090, 110 HP, 2WD, C/A, 18.4x38, 2400 Hrs. $15,900

81 FD TW-20, 128 HP, 4 WD, C/A, 18.4Rx38, 2 Rem., DP, Wheel Wts. $22,900

82 FD 7710, 86 HP, 4 WD, Cab, 16.9x38, 2900 Hrs., 2 Rem., Dual Power $21,900



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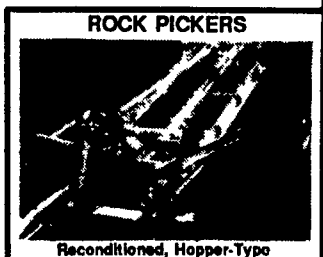

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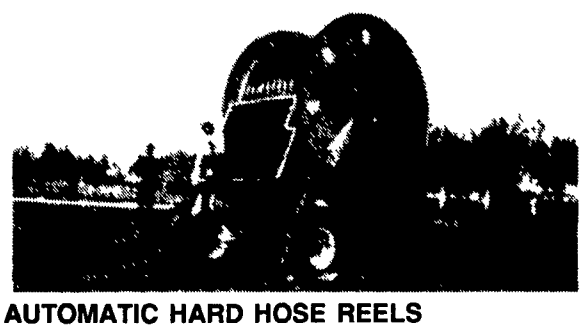

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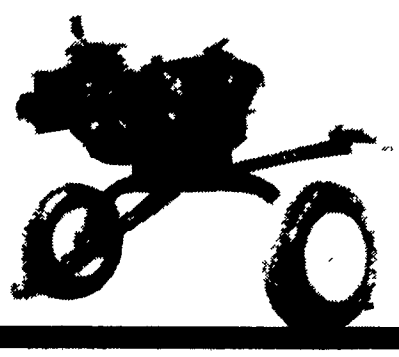

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Ready-Alert For Haylage

NEW HOLLAND (Lancaster Co.) — Attitude and preparation are basic to fast, efficient, low cost haylage making, says Ford New Holland Product Manager John Oehler. It's important to be ready before the crop is. If the crop is going into a tower silo, make sure any necessary unloader work is completed while the machine is at the bottom of the silo and accessable. If the silo needs any work it should be out of the way before it's time to cut the crop.

Machine preparation is equally important. Haylage crops lose quality in a hurry if harvest is delayed past bud stage for legumes or the boot stage for grasses and cereal crops. A delay for last minute machine repair added to catchy weather can result in lower quality, too-mature crop that will cut milk production and increase dairy concentrate costs next winter. There's no substitute for being ready, Oehler stresses. Here's his check list:

1. Ahead of season, get the harvester out of the shed, lubricate it and inspect for any necessary repairs. Pay special attention to the little things that are easy to overlook in the rush at the end of season. Look for loose bolts and clean off any dirt accumulation. Examine the PTO U-joints and drive line shields. Repair or replace shields that are damaged or binding. This could avoid a time-consuming accident.

2. Examine safety slip clutches to make sure they're free and not seized up. They're critical for overload protection that prevents mechanical failure. Next, sharpen the knives and adjust the knife shear bar clearance. If it's worn, turn the shear bar to expose a new, sharp edge. Cutterhead maintenance and adjustment maximizes tons harvested in the shortest time with the least fuel. If your harvester has over-beveled knives they may need re-beveling to return them to like-new cutting effectiveness. Under-beveled knives won't need rebeveling, says Oehler.

3. Select a length of cut that's short enough to avoid unloader problems if you use tower silos. For haylage, this may be shorter thatn the length of cut you used for corn or sorghum silage last fall. A short length of cut packs better for reduced spoilage in a trench or bunker silo, too. But don't cut shorter than necessary for good results in ensiling and feeding. Shorter length of cut takes a lot more fuel and reduces tons harvested per hour. Recutter screens can shorten length of cut but they boost power and fuel use per ton. If tractor power is limited you harvest less. Chopping finer than necessary can cause cow health and production problems, too. If haylage is chopped too fine, cows may need additional dry hay for best digestive function in the rumen.

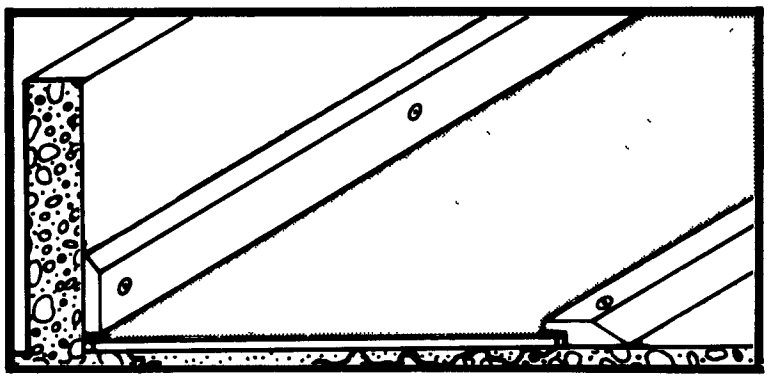
4. Lubricate and check out the forage boxes, too. Pay special attention to PTO shields and safety clutches. Check apron chains for tension and lubricate and examine roller chain drives. Adjust as needed. Then repack the wheel bearings if the wagon has had 150 hours use or has been stored outside since last season. Don't overlook a tire and air pressure check. It's discouraging to discover you have a low tire with a full load at the far end of the field.

5. Don't overlook the blower. It's a key item in bottleneck-free haylage harvest. In addition to the PTO and lubrication, check paddle clearance. Excessive paddle tip clearance reduces blowing effectiveness that's needed for tall silos. The rule of thumb is that the paddle tip-to-band clearance should be small enough to pick up a nickel lying at the bottom of the band but large enough to pass over a dime. Re-spacing worn blower paddles for proper clearance boosts capacity per horsepower, saves fuel and reduces unloading time.

6. Develop an attitude for efficiency. This includes a no-compromise insistence on safety. Make sure all shields are in place and never adjust, clean or lubricate the harvester until it is fully stopped. Use any available field time wisely. If there's a wait for the next empty forage box, use the time to grease and check out the machine. Resharpen cutterhead knives and adjust the shear bar whenever there's an opportunity. Except for length of cut, close knife-to shear bar adjustment is the most critical item in tons of haylage harvested per horsepower hour. That's the reason it should be rechecked throughout the day.

Making every minute count holds down overall operating time. You avoid costly repairs by preventing problems resulting from neglected maintenance and adjustment. Attention ahead of season saves time later. It can make the difference of getting to a ballgame in time or not seeing the game at all when the alfalfa is ready, Oehler points out.

Ford New Holland's John Oehler says "Preparation and attitude are critical to make effective haylage."



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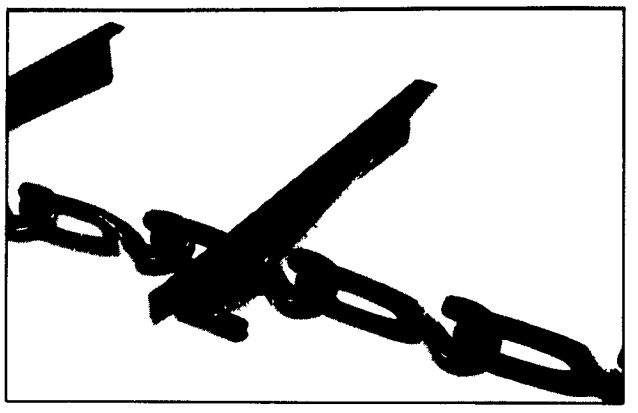

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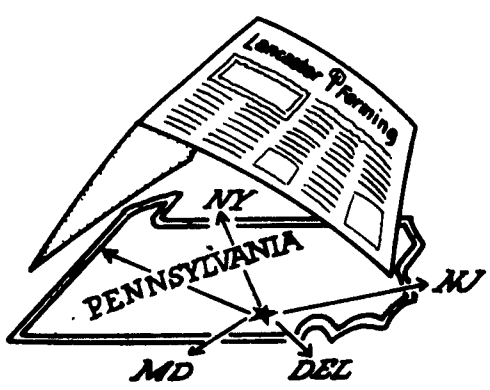

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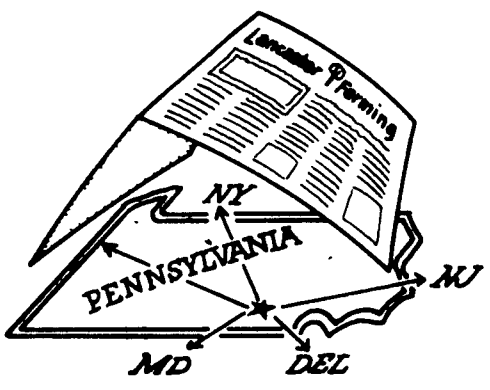

Warm-Season Grasses Provide Quality Forage

Native, perennial warm-season grasses such as switchgrass and big bluestem grow primarily in the warm part of the summer and produce well on soils with low moisture holding capacity and low phosphorus, as compared to cool-season grasses.

Although recognized as a summer component of a pasture system, these grasses can be harvested and stored as hay. Their establishment and management requirements are quite different from cool-season grasses and first-time users must pay special attention to the details of managing these grasses.

When managed properly, warm-season grass hay can provide good quality forage, especially for beef cattle. In digestibility trials, the dry matter digestibility of warm-season grass hay cut at the late vegetative stage was 71 percent for cattle and 60 percent for sheep.

Warm-season grasses grow best on deep, well-drained soils. Switchgrass is more tolerant of poorly drained soils than big bluestem. Because warm-season grass seedlings are poor competitors with weeds, sites with severe perennial weed problems such as quackgrass or broadleaf weeds should be avoided until weeds are controlled.

Because of slow germination and seedling growth, warm-season grasses may take two years to reach their maximum growth potential. Stands which appear poor at the end of the first year usually develop into good stands the second year. It is important to evaluate the stands at the end of the seeding year. If there are at least one to three seedlings per square foot in September, the stand is adqeuate.

If properly managed, a stand of warm-season grasses can last for many years. But because of the expense and difficulty in establishment, these grasses would best be useful as permanent sod pastures or hay fields. They should not be used in crop rotations.

Normally, the seeding year stand should not be harvested unless there is unusually good growth and the stand is vigorous. If a harvest is made, cut when plants reach 18 to 24 inches in height (late boot stage). Leave a 4- to 6-inch stubble. Allow enough time for at least 12 inches of fall regrowth before frost. Plants can be harvested after frost without damage to them.

Cut established stands when plants reach 18 to 24 inches in height (late boot stage). Leave a 4- to 6-inch stubble. Allow enough time for at least 12 inches of fall regrowth before frost. As with new stands, plants can be harvested after frost without damage to them.

Perennial warm-season grasses must be rotationally grazed (not shorter than 6 to 12 inches in summer) for persistent productivity. These grasses grow tall and generally cattle will begin grazing them from the top of the canopy down.

See the "Penn State Agronomy Guide" for more detailed establishment and pest control recommendations.

Northwest Stockman's Tour

Time is running out for Pennsylvania beef and sheep producers to get reduced travel rates for the 1990 Northwest Stockman's Tour.

This tour is a result of producer inquiries about production and management practices used by western beef and sheep producers, according to Clair Engle, Penn State associate professor of animal science. Cooperative extension and industry personnel in both Pennsylvania and the West have organized an extended 13-day educational tour through south central and northeastern Oregon, across the rangelands of Idaho, and mountains of southwestern Montana.

The tour features will include forage/animal production practices, innovative livestock breeding schemes, multiple uses of public lands, "niche-marketing" programs, and livestock research trials.

The deadline for the tour is fast approaching. Reduced airfare reservations for the September 10-23 activity are available only until June 8. Sign-up without the special rates will continue through July, or until the allocated 47 spaces have been filled.

Tour brochures and reservation forms can be requested by writing or calling MTS Travel Agency, 102 E. Main Street, P.O. Box 547, Ephrata, PA 17522. Phone (717) 733-4131.

Pen Space For Finishing Pigs

Ken Kephart, Penn State animal scientist, relays the following research report. Market weights have increased over the last few years because of increased packer demand and because feed costs have been low. Researchers at Kansas State University recently compared hog performance with space allowances of 6, 8, 10, and 12 square feet in partially-slatted pens. Pigs were placed on trial at 130 pounds and marketed when the pen average reached 250 pounds.

As space increased, average daily feed intake and average daily gain also increased. However, pigs given 10 or 12 square feet had similar growth rates, feed intakes, and feed:gain ratios. This suggests that when marketing an entire pen of pigs at a 250-pound weight, 10 square feet is the optimum space allowance.

In a previous experiment, the same researchers allocated 7, 9, or 11 square feet per pig. But instead of marketing the entire pen at an average weight of 250 pounds, individual pigs were marketed when they reached 250 pounds. Under that management system, seven square feet was inadequate to maintain optimum weight gains. But no differences in performance were observed in pigs given either 9 or 11 square feet.

Dairy Cow Comfort

Hot weather will be here before you know it. Guard your milk check by keeping your cows comfortable. Bob Graves, Penn State agricultural engineer, offers the following checklist for preparing and operating your cow cooling system:

- Clean and service all fans. Dirty fan blades, old belts, bent louvers, and fans without motors can't perform up to par. Locate and check out portable fans used for supplemental airflow during the summer.
- Begin to open up barns or plan new openings if you use nature to increase air flow over cows.
- Check watering systems and supplies. Milk tank levels go down as waiting periods for fresh water go up. Perhaps additional temporary watering locations are needed. An old bath tub, some plastic pipe or water hose, and an approved float valve may be all you need.
- Control water flow at feed bunk cow sprinklers. A 110-volt selenoid valve to regulate the flow of water, an interval timer, and line voltage thermostat can automate your system, save water, result in less manure to haul, and keep cows comfortable. Remember, it is the drying-off of the cow, not the wetting, that provides her maximum cooling. Operating feed bunk sprinklers for 1 to 5 minutes, then keeping them off for 5 to 30 minutes, provides for alternate wetting and drying. To prevent a steam bath from developing it's essential that there be good airflow and air exchange wherever you operate cow sprinklers.

Effect of Space Allowance on Finishing Pig Performance

	Space Allowance, Square Feet Per Pig			
	6	8	10	12
Final weight, pounds	250.	250.	253.	250.
Days on feed	84.	77.	74.	70.
Daily gain, pounds	1.42	1.58	1.68	1.69
Daily feed intake, pounds	5.92	6.21	6.57	6.62
Pounds feed per pound gain	4.16	3.93	3.92	3.92

Ag Advocates Raise Awareness

UNIVERSITY PARK (Centre Co.)— What images does the word "agriculture" conjure up in your mind? People working in Pennsylvania's number one industry know about its diversity. But many people without direct experience in agriculture may not realize it is more than crops in the field and cows in the barn.

As Penn State's Ag Advocates program enters its third year, 11 undergraduates will be reaching out to prospective college students, informing them of the many opportunities in agriculture today.

By representing the College of Agriculture at major events, including the Pennsylvania State Farm Show, they support the college's efforts to enhance the image of agriculture and to recruit highly qualified students. They also help alumni and friends stay in touch with College of Agriculture programs and developments.

"Agriculture stands at the edge of a new era," said Marianne Houser, instructor in agricultural education and adviser of the program. "New technologies, from genetic engineering to integrated pest management, have made the field more specialized and demanding.

"Our future agricultural leaders will be faced with more choices than ever before. The Ag Advocate program is a way to make people more aware of the challenges agriculture has to offer," Houser said.

The 1990-1991 Ag Advocates come from many areas of Pennsylvania, urban and rural, and represent several academic departments in the College of Agriculture. They are:

- Mark R. Anderson of Dover, a sophomore majoring in agricultural education.
- Douglas Brown of Coudersport, a junior majoring in agricultural education and a returning Ag Advocate.
- Krista Corey of Danielsville, a junior majoring in animal bioscience.
- Christopher S. Cramer of Upper St. Clair, a junior majoring in horticulture.
- Danielle B. DiCiano of Vincetown, NJ, a junior in agricultural economics and rural sociology.
- Gretchen A. Frederick of Blue Ball, a sophomore majoring in agricultural education.
- Daren K. Johnston of Creekside, a junior majoring in agricultural education.
- Mary Ann Keith of Entriken, a senior majoring in dairy and animal science and a returning Ag Advocate.
- Daniel J. Kirk of Collingdale, a sophomore majoring in plant science.
- Jim Ladlee of Smethport, a senior majoring in agricultural education and a returning Ag Advocate.
- Timothy Winters of Medina, NY, a junior majoring in agricultural science.

Ag Advocates are selected on the basis of high academic achievement, interviews, and faculty recommendations.

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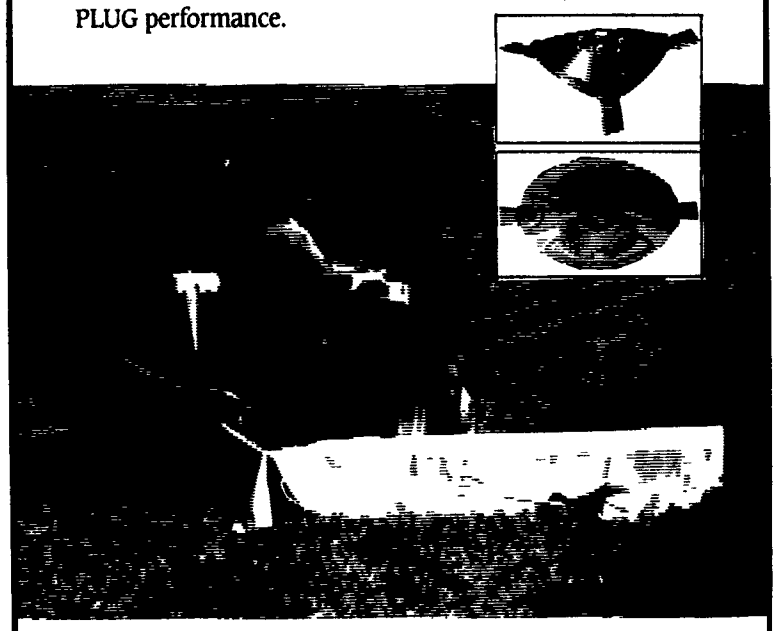

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Howey Tree Baler Model 214. Oliver Vineyard Tractor, 38½ PTO HP CAT1. Clean equipment, must see! (717)367-2155.

IH 1086, A1 condition, good rubber, dual PTO, TA, looks like new, $13,800. 717-423-6719

IH 1980 hydro 86, 1,300 hrs., year round cab, single hydraulics, 18.4x34 rear tires, new front, good condition, $12,000. 717-937-4499 or 717-937-4840

IH 2001 Loader, fits 656, excellent. $900. 301-898-7426.

IH 2255 loader, mount-o-matic, same as new w/ valve, fits 4WD, $3,500. No Sunday calls. (717)292-1856.

IH-225 self-propelled mowcond., $2,000 NH-277 baler with thrower, $2,750. 301/635-2481

IH 2400B diesel tractor w/ new rubber & 2250 loader, $6,500. 301-833-9091

IH-284, WFE, 28-h.p., 3-pt., 600-hrs., loader, Woods RM500 3-blade mower, rear blade, $7,000. 717-382-4416

FOR SALE: Gehl 1540 forage blower in excellent condition. 717-436-9314

FOR SALE: Gehl 970 forage wagon with 12 ton tandem axle running gear. 717-436-9314

FOR SALE IH 3PT 42"-rotor tiller to fit Int. Cub. 154 Loboy. 215-766-0479 Eves.

FOR SALE: John Deere, model 44-30, 125HP, radials, side controls, tilt wheel, good condition. $12,000.00 717-273-6018 after 8pm.

FOR SALE: JD 660 rototiller, $1,400. Ford 6' 917 flail mower, $700. JD420 tricyle w/2R cultivator, $2,600. Berks County. (215)682-9859.

FOR SALE: NH 477 haybine, call (717)776-6260 after 7 p.m.

FOR SALE: NI Uni System, 705 diesel, 737 husker, 717 combine w/straw chopper, 744N corn head, 713 grain head. Will Separate. Must Sell. 717-436-8752 or 717-527-4776

FOR SALE: Restored 1957 620 and 1960 830 easy to restore 1937 B 1939 G 1941 H and LA. Bill Carmine, Laurel, DE. 302-875-5255

FOR SALE: Seven tooth chisel plow, good condition $800.00; 1979 Cadillac Seville, $3500.00; 1977 Mercedes 240 diesel, needs body work $3500.00. Phone 717-273-6018.

FOR SALE: Scavenger II Spreader, like new, used 1-year. $7000.00 717-249-5797.

FOR SALE: TD6-IH crawler, good condition. $3500.00. 717-935-2788.

FOR SALE: Tractor 1365 Oliver, diesel, WF, excellent condition. 814-632-5051

Forage Wagons: JD 716, 12 ton, tandem gear, fair condition, $3,250.; Gehl 2 beater, good condition, $450. 717-867-1227 Days or 717-272-8501 Nights No Sunday Calls.

Ford 1720 tractor-loader, only 199 hrs. 215-926-2441

Ford 3PT, #515, bar mower, w/operators manuel and two extra blades $785; 1964 Ford, grain sides, twin cylinder dump truck 15' bed, 34,000 gross, $1850; 14' crow foot packer $750; Bobcat 825 Perkins diesel w/canopy and lights $5900. 717-534-1253.

Ford 4000D, Ford 6000D, JD 420, Farmall Super MTA, Farmall 140, Cultivators for Farmall Super A, Hesston 8' self propelled windrower conditioner, Fast hitch for Farmall 656. Saxonburg, PA. 412-352-1081

Ford 541 offset cultivating tractor, diesel, 3PTH, good condition with cultivators. 717-298-2543.

Ford 850, 5 spd., 14.9x28 tires, big hyd. pump, $2,650.; JD 4020 gas, dual hyd., wife front, clean & original, $6,650.; Oliver 1855 diesel, over & under, ROPS, 20.8x38 tires, WF, 354 Perkins engine, $7,550.; Farmall H, $950.; MM 335, power steering, live PTO, 3 pt., 38 h.p., $1,550.; Case 1835B diesel, big bucket & big tires, $9,850. D.J. Implements Of PA & VA. Call Alvin early mornings or evenings till 7 p.m 717-949-3074 or Dan (same time) 703-879-9926

Fordson Major tractor,A-1 condition 3pth hydraulics frontend loader 16x9x30 tires available 717-529-6144 7:00-7.30 P.M.

For most any grain or corn header, or self propelled choppers. Call Larry Stalter, "The Combine Man" 1-800-248-2151

Dismantling For Parts: Michigan 175 series II w/cab & good 6V-71 Detroit.
BALANDA
EQUIPMENT CO.
PO Box 407
Route 29
Palm, PA 18070
1-800-322-8030

ELEVATORS
NH Elevators 30' and 36' new; Little Giant 24' new; Sperry NH 30' reconditioned; 2-NH 24' used; aluminum single-chain corn elevator w/transport 24'; 16' aluminum single-chain corn elevator.
NEW HOLLAND ELEVATOR CO. 717-687-0102.

Engine parts for D17 and WD45 tractors. (717)548-2877.

Englow compressor twin "T" w/20 h.p. Lincoln 230/460 reconnectable w/ start switch, used little, $4,600. 717-273-4544

Farmall 300 tractor; NH Super 69 baler, excellent condition, need to see to appreciate. (301)845-8858.

Farmall 656 Gas, 3 pt., wide or narrow front, good condition, $3,900 or offer. Farmall H, nice shape, fresh tune-up, $1,000. JD 16' folding spring tooth harrow, $500. 215-847-2619.

Farmall B tractor 66 NH bailer both real nice shape. Harford County (301)452-8447

Farmall M, overhauled, new paint, power shift, good rubber. $1,700. (717)922-1204.

Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

Farmhand XG50 tub grinder, many new parts, presently not working, $5,500. Duall frontend loader fits JD 5010, 3 yd. bucket, $1,500. MC600 dryer, make offer. Ed Vogt, Medford, NJ, (609)654-7489 after 6 p.m.

FMC tomato picker, self-propelled, $15,000. (4) 10 ton tomato tubs for straight truck, $800 each. JD 8820 combine, good condition, motor recently overhauled, $27,500. Ask for Lowell or Kay (301)778-5300.

FORD 231 gas (2600 on low turf tires) $3,000. 301-833-9091

FORD 340 LOADER TRACTOR, 3 pt., PTO, $4,500. 301-833-9091

FORD 4500 tractor w/ loader, 3 pt. & PTO, $5,000. 301-833-9091

FORD 6610 w/terrain king boom axe mower, 28' reach, ROPS, $14,000. 301-833-9091

FORD 8700, ROPS, $6,800. 301-833-9091

FOR SALE: 1978 IH1460 axial flow combine w/15' flex grain head, 6RW narrow corn head. 717-658-7134.

FOR SALE: 20.8x38 & (4) 18.4x34, suitable for duals. 717-436-8752 or 717-527-4776

FOR SALE: Case 580G loader backhoe, 1986 model, 700 hrs., excellent, $19,500. Call 215-682-7716

JD 6600 gas combine, new rasp bars, excellent shape, kept inside, $5,000 or w/ corn head $7,500. (717)273-3823.

JD 7000 6 row corn planter, dry fertilizer, over $1,000 in new parts this season, always kept inside. Asking $6,700 Washington Co 301-432-2196

JD700 grinder/mixer w/ hydraulic load, fair condition. $1500 00 717-733-0660.

JD 730 diesel, elec. start, WF, 3 PT, fenders, 3202 hrs. $3,400. Can deliver. Call 515-594-3767.

IH3600 loader backhoe w/ extend-a-hoe, $8,500. Yale 5000# forklift w/triple stage mast, $2,400. JD400 w/industrial loader, 3pth, PTO, new motor and paint, $7,800. JD9300 backhoe attachment for 450 or 555 crawler, excellent condiition $3,500 IH3200 skid loader w/diesel engine, $2,800 1150 Case crawler/loader, good condition, $7,800. 125C IH crawler/loader good condition, $8,500. 680C Case backhoe/loader, $9,000 (717)859-3283.

IH 400 syclo corn planter, 6RWx 30" w/liquid fertilizer, no till, insectide, herbiside sprayer attached Call (717)425-2371.

IH 5100 grain drill, 21x7, double disc, w/press wheels. IH 470 disc, 18', w/scratcher bar, manual folding wings Both in excellent condition (215)598-7687

IH 544 diesel, hydro utility, $4,000. 301-833-9091

IH 820, 17½' flex screen head, $2,300. No Sunday calls. (717)292-1856.

IHC 1086, cab & air; 1066, cab & air; 886; MM 670 Super, IHC 710 4 btm reset plow. No Sunday Calls. 717-292-1856

IH TD6 crawler loader, runs and operates, bad U/C, $4,500 OBO (717)423-6300.

MF 1085, new rubber, ROPS, excellent, $5,500. 301-833-9091

MF 205 combine, w/10' platform, and #24 cornhead, excellent condition 215-683-6278

MF 205 Manure Spreader with gate Single beater 205 Bu $750 301-898-7426.

MF410 combine, w/13' grain head, $4500.00 OBO 215-693-5027

MF 4 bottom roll-over plow, model 57 w/spring coulters, $1,900. 215-445-6156

MF510 combine, cab, diesel, 23.1-tires, grear drive, rebuilt transmission, heads. $4800.00 717-733-7069.

MF 510 combine, gear drive w/cab, 23.1x26 tires, 13' grain head, 4 row narrow corn head, very good condition $4200. Lebanon County 717-865-4675.

MF 880 4-bottom reset plow, $600.00, 9' Brillion cultipacker $475.00; JD 12' spring tooth harrow $325 00, 2-RW NI mounted picker $800 00 OBO 215-693-5027

M-F Tractor-135, 900+ hours. 2 bot roll-over Ford plow. 2 row P.T.O. strawberry rotovator. 1 rotary mower, pull type Lots of irrigation pipes and so forth Call 215-679-7701.

Dismantling For Parts: Cat 955K 85J w/soft cab, Cat 955H 60A w/D6 undercarriage.
BALANDA EQUIPMENT CO
PO Box 407
Route 29
Palm, PA 18070
1-800-322-8030

JD F.B.B. grain drill w/seed attachement. $625 00. 717-733-3720.

JD rotary hoe, 13', 3 pt. hitch, $375.; Fuerst flex tine harrow, 12', almost new, $400.; 1990 Jacques soybean & sunflower seed; WANTED: 15x38 rims to fit White/Moline. Cambria Co. 814-736-8266

John Blue sprayer, model 5000, 4 wheel, 275 gallon stainless steel tank 301-249-2427

John Deere model B w/ plows, cultivators, corn planter; Int. "H" tractor; Int. #46 baler. (301)478-5145.

John Deere 150 gal., 3-pt. hookup, weed sprayer, good condition, $250. 215/845-2779. Montg. Co near Bally.

Kees Toro Mower, 12H P., 4' cut, 15 hours use $2,200 00. 215-348-2116.

Kewanee transport disc. $600.00. 717-733-3720.

Kools 54" hopper ensilage blower, good condition, $675. 1000 gallon nurse tank, $325 Unidilla silo doors (717)359-4383.

IH 856, good TA, 3 point, nice, $5,600. (717)532-8926.

IH B275 diesel, 3PT, diverential lock, live PTO, steel wheels on back, good condition, operators manual. $1350.00 Delivery available; NH 55 rake w/rubber teeth $700.00; NH 489 haybine $3500.00 717-534-1253

Kubota L275 tractor, loader, backhoe. 215-926-2441

Kubota L245DT Diesel, 4 wheel drive with loader, 2 buckets, new tires, 1400 hrs. $6,500. Days 717/273-4544 Evenings 717/273-6613.

LOADER ATTACHMENTS NEW & USED for any make tractor. 301-833-9091

LOADER ATTACHMENT ARTS-WAY 5000, QT, for 121 h.p. or larger tractors, excellent, $2,500 301-833-9091

LOG SKIDDER w/grapple Franklin 100, $3,700. 301-833-9091

MANURE SPREADER NH 676 tandem, works well, $1,200. 301-833-9091

MANURE SPREADER NH 519, $1,000. 301-833-9091

MF 1030, 4x4, 30 h p., only 425 hrs., ex. condition, with or without loader 215-926-2441

MOWER NEW WOODS 121, $3,450. 301-833-9091

NEW BADGER EQUIPMENT: 9' mower conditioner $6400; 540 RPM forage blower $2250; barn cleaner transmission $995; side-swing silo chute $80. USED EQUIPMENT: Hesston 110 self-propelled haybine $2200; Ford 9155' mid-mount mower (like new) w/brackets for model 1300 $795. Used Badger barn cleaner transmission parts, vacuum pump, and valves. 717-362-8252.

NEW Trail Blazer foam marker w/12 qts. foam, and 6 air filters Retail $1097. SALE $590. 717-949-6501.

Newfield 60 diesel & 3 point, runs good, easy start, $2,500. 717-273-2331

New Holland bale wagons: 1034 105 bales, $6,000. 1012 near new, $3,000. 1030 70 bales, $2,700. Call for prices on other models. Roeder Imp. Seneca, KS (913)336-6103.

New Holland 275 baler with thrower $2,200. Allis Chalmers 180 tractor, new tires, 3200 hours, $6,500. Gravity bin wagon on five ton gear, $650. All in excellent condition. Cumberland County (717)776-7858.

New & Used Parts For Oliver, Minn. Moline & New Holland. 717-333-4256

New Woods under mounted rotary mower for Mitsubishi MT180, $1,200. Saxonburg, PA. 412-352-1081

NH 156 hay tedder, like new, 2 rotors, with 10'2". 717-865-6220.

NH 259 rake, dolly wheels, steel teeth, excellent. $1,850. 301-898-7426.

NH 273 baler w/54A thrower, $2,500. (717)653-5396, Mt. Joy.

NH 276 baler, with thrower, shed kept, good condition, $2,000 Baler in Cumberland Co. Owner: 814/745-3600.

NH 315 baler, $3,500.; 20' feeder wagon w/JD running gear, $1,400.; NH model 27 blower, $1,000.; Slurry manure pan for NH 519 spreader, $125. Lackawanna Co 717-587-1725

NH 355 grind/mixer $2,500.00; McCurdy gravity bin w/chasis $1,000.00; Feeder wagon $700.00; 4RW JD cultivators $650.00. 717-749-5371.

NH36 flail chopper, VG condition. 717-665-4743.

NH469 Haybine; fair shape. $1,000 00 201-359-3846.

NH 469 self-propelled haybine, Wisconsin motor; 1970 C60 GMC, 18' aluminum body truck, 366 target engine, PS, AB, 5-speed transmission, w/2-speed rear. 717-942-6477

NH 479 haybine, good working condition, $2,200. (717)653-5396, Mt. Joy.

NH 489 Haybine, good condition, $3,895 717/529-2512.

NH 489 haybine $3500.00 Cumberland Co 717-776-6833.

NH 489 haybine, $2,000.00; 55 NH rake $750.00; 1450 Gehl baler $6,500.00. 717-263-2791 after 4PM.

NH 512 manure spreader, $600. NH 269 baler w/54 thrower, $1,000. 20' feeder wagon, $300. All working order. Chester Co 215-696-1387 evenings.

NH 679 spreader, tailgate, tandem axle, $1,850.; NI 40' elevator, excellent, 3 h.p. motor, $1,650. D.J Implements Of PA & VA Call Alvin early mornings or evenings till 7 p.m. 717-949-3074 or Dan (same time) 703-879-9926

NH717W super sweep grass pick-up head, VGC 717-665-4743.

NH 850 round baler, $2,500. Vicon rotory haybine, $2,500. Highway mower, side mounted, all hydraulic, complete, off of Ford, $500. Mifflin County. (814)542-4450.

NH Round Baler 848, excellent. Used 3 seasons. $9,000.; NH Rake 256 $1500., Hesston 1071 (7ft.) Mower Conditioner $4500. Special price if sold as total unit.1-800-237-5262.

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164

PHONE HOURS:
Mon., Tues.,
Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. in Section C. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising. in Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

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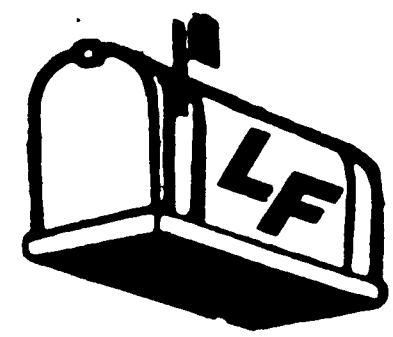

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION

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Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

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29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

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up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

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(Phone Numbers Count As One Word)

JD 800 windrower, water cooled engine, draper head; 6' direct cut head for JD Chopper; 8250 21x7 JD drill w/GSA. 703-972-1738.

JD820, looks good, runs good, $3300.00; MF65 gas, motor rebuilt, new tires. Rolf Griemsmann. 717-222-4432.

EDWIN HORNING & SONS FARM MACHINERY

248 Meadow Valley Road
Ephrata, PA 17522
(717) 733-7408

TRACTORS

JD 2550 Independent PTO $11,500
JD 4020 Diesel W SOLD $6,900
JD 3020 diesel WFE side console $7,200
Ford 1700 diesel 4WD, 23 hp $4,200
MF 35 Gas, PS $2,950
Case 1737 Skid Loader, Gas $3,200
MF 65 Gas SOLD $2,700
NH 445 Skid Loader Diesel Hydro $4,500
Ford 7700 w/Cab P Power, 3 hydraulic outlets SOLD $10,800
JD 4020 Diesel Wide front end year around cab (1968) SOLD $7,200
JD 4020 diesel wide front end, 16.9x38 tires, weights $6,750
JD 3010 gas WF $3,500
Oliver 550 gas w/hyd. loader $2,800
JD 2150 Diesel, Independent PTO, 1300 hrs, very nice $9,800
Gehl 2500 skid loader $1,800

TILLAGE EQUIPT.

IH 450 3x16 spring reset plow $1,450
JD 7000 4x38 corn & soybean plateless planter, nice $2,950
JD #400 Rotary Hoe 15' $1450
Brillion 10½ ' cultipacker $775
AC 11' field cultivator, pull type $1,050
JD 310 plowing disc 13' nice $2,950
IH 45 fld. cult. 12' 3 pt. $775
JD #400 rotary hoe $1,050
IH 56 4x30 planter, dry fert, dd gandy att.
JD 2500 5x18 spring reset plow, spring coulter and SOLD $2,350
AC 3 pt. Field Cultivator 13' $550
Oliver 4x16 cushion trip semi-mount plow $650
JD 7000 4x36 plateless planter, no till, dry fertilizer $3,000
JD 16' field cultivator w/wings, 3 pt. $950
IH 4500 18' field cultivator, pull type w/wings $1,800
JD RM 4x30 cultivator, w/shields $850
White 6x30 danish tine cultivator $1,050
AC 6x30 danish tine cultivator $850
(2) Noble 4 RW Danish tine cultivator w/shields SOLD ..... $1,100/ea.
Kawanee 16' rockflex disc with wings $1,250
AC 16' field cultivator, pull type with wings $1,250
JD 110 disc 12' $1,250
Glencoe 12' field cultivator pull type $750

HAY EQUIPT.

5 - NH 770 forage pickup hds ..... $600 to $800
3 - 880 W forage pickup hds ..... $600 to $800
NH 488 haybine $1,850
NH 855 baler, auto wrap $6,800
NH 849 round baler med. size bale, nice $6,700
Ford 515 sic SOLD wer $850
NH 851 round baler $2,800
NH 315 baler, super sweep $2,650
NH 273 baler, w/thrower $2,200
NH 276 baler, w/thrower $2,650
NH 320 baler w/thrower $3,500
Grimm PTO Tedder $750
JD 346 baler SOLD wer $3,850
NH 402 crimper $775
Fahr Four St SOLD er $900
JD 336 baler w SOLD er $3,100
JD 660 rake w/dolly SOLD $1,650
NH 477 haybine, nice SOLD $2,400
Duetz-Fahr 3 pt. disc mower $750
Gehl 2160 mower cond. nice $1,900
Ford NH 489 haybine, just like new $6,850
NH 310 baler super sweep, nice $3,200
JD 1209 haybine hydraulic tong stub guards $2,800
IH 990 7' haybine $1,250

GRINDER/MIXER

JD 750 hyraulic auger w/rebuilt scales $3,650

MISCELLANEOUS

Parker gravity bin wagon, 2500 series, nice $1,450
NH 520 manure spr SOLD w/tailgate $1,450
MF 235 loader w/valve $950
NH 663 tank spreader, nice $1,100

FORAGE EQUIPMENT

Geh SOLD harvester
IH 720 harvester 2RW w/pick up
JD 35 harvester w/pickup
NH #6 wagon 2-btr $1,250
JD 3960 Harvester, nice $6,200
JD 3960 Harvester, 2 RN, electric control $6,500
Gehl HA1000 pick up head $750

JD 830, $5,900. JD R, $4,900. JD G, $3,100. JD LA with new paint, $2,900. Farmal M, $2,000. All with very good to excellent sheet metal and good to excellent running condition. Call 603-623-9567 ask for Richard.

JD 850 diesel tractor, 25 hp, 3pth, ag tires, approximately 650 hrs., excellent shape, $4,500. (717)273-3823.

JD 8' Offset Disc. $400. (301)898-7426.

JD 999 pull type corn planter, 3 set rings, fertilizer boxes, no rust, excellent condition, $250. Adams Co. 717-677-6703.

JD 4630 w/SGC, quad trans., 20.8x38 radials w/ duals, 3 outlets, quick hitch, 1,000 PTO, nice. 609-935-0348

JD 50 tractor, $1,000. JD 428 flight elevator with hood and telescoping spouts, $750. JD 1207 mower conditioner, $2,500. JD 1065A hay wagon with high sides, $900. Call after 6PM 717-235-5290.

JD55 combine, works, $500.00; JD54 manure spreader, 230-bushel, good condition. $1,000.00; Call 717-867-1227 days; 717-272-8501 nights. No Sunday calls.

Madey Farms

Windber, PA
814-467-8839
814-467-7085

NEW Belarus, 4WD ..... In Stock
White 4-150, 3 pt. PTO $10,900
AC 7580, 24x30 Tires $15,500
IH 1586, 4 post, sharp $9,800
IH 1066, nice $7,900
IH 1066 rollguard $7,200
IH 1566, 1976 model $7,900
Case 1070 Solid $6,200
Belarus 800, dsl, 2WD, 85 HP, 600 hrs $4,500

LEITER'S HARDWARE and IMPLEMENTS

103 South Carlisle Street
Greencastle, PA 17225
(717) 597-2151

IHC 1066, 826, 756, 656, 674, 544, New 235 w/mower, new 275, SM, HC, JD 2950 4x4 3020, 2630 w/loader, Oliver 1755 w/cab, MF 265, Ford 800 w/loader, 131 Athens disc hay tedders, NH balers with or without thrower, 56 rake new Gehl 1290 windrow, new Zimmerman wagon & elevator, 354 grinder mixer, Gehl grinder.

JD 2020 gas, excellent, low hrs., $4,500. 301-833-9091

JD 2150, ROPS, new rubber, 2,800 hrs., nice, $8,000. 301-833-9091

JD 215 rock flex disc, 14', in excellent condition. 215/286-6059.

JD 2440 extra nice, 2200 hours, must see! Make offer. (717)872-5007.

John Deere 24T baler for repair or parts. Broken drive shaft only, otherwise excellent condition. Stored inside. No ejector $650 Or Best Offer. Call 717/528-8505 evenings.

JD 290 corn planter, good condition. NI 206 manure spreader, fair condition (717)362-9233.

JD 2R corn head, pickup head, 2 direct-cut heads for JD 38 chopper. Also JD 38 chopper for parts. Direct-cut head for Fox chopper. (215)965-5692.

JD 2RW corn planter, 3PT hitch, good condition. $250 OBO. 717-865-7069 after 6PM.

JD 300 diesel tractor & loader, $2,500. 301-833-9091

JD 302 diesel tractor w/ reverser, $3,500/Offer 301-833-9091

JD 3pt. Finish Mower, 50 inch cut, $575 New. Mott 40" mower with 8HP engine, $175. Hydraulic sickle bar mower, $200. 717/865-3673.

JD 420 crawler/loader w/ ripper and tree spade, $3,300. OBO. (301)357-8031.

JD-425 Heavy 12' offset disc, 22" blades, $1,950, field ready. 301/635-2481.

JD 4400 gas combine with hydrostatic drive, 12' grain head and Model 444-4 row corn head. Call Mike 717-259-9685.

JD 4440, QR, cab, radials, 4,200 hrs., $22,500. No Sunday Calls. 717-292-1856

JD #45 loader, bucket needs work, $400.00, Dillsburg, York Co 717-432-2827.

Sickle bar mower assembly complete for AC model B fits other models also, excellent condition, $250. 215-699-4043 let ring, leave name & number.

Single bottom plow, 3PT, like new. Call after 6pm 717-755-1364. $125.00.

Six 8,000 and one 500 gal. tanks, good for irrigation, manure, fertilizer or underground tunnels, $400 each. Hidden Acres, 212A, Atglen, PA 19310

Smoker 24' elevator w/ grain attachment, $300. (717)653-5396, Mt. Joy.

Soybean units for JD 7000, New Idea or Kinze planters, like new, $15 each 215/267-8243 No Sunday calls please.

Spring tooth harrow 3 section, MF 2 bottom plow, MF 165 excellent condition, offset Bush Hog 10½ ', 3pt. hitch sawbuck Lehigh Co. 215-965-2268

STRAWBERRY CULTIVATOR, PTO with new tines. 7' wide Like New, $1,500. (814)443-1931.

Super C tractor for sale. With 2 row cultivators, good condition. 717-768-3626.

TICO irrigation pipe, excellent cond., 35 pieces 4"x30', 6 risers, 3 heads, pipe trailer. NH 368 manure spreader, fair condition, new top $500 215-469-9360.

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Tractors: 2 late model 8N Fords, both in good condition, $2,400/each. 717-784-1779

"Twin Brook Farm Equipment" JD105 combine, 444 corn head, 290 corn planter. IH 4R corn planter double disk openers bug boxes. H tractor grass seeding attachment. Brillion 12' cultimulcher. 77Chevy custom deluxe 10V8 twin tanks, new tires, cap. 1952 Willys Jeep, 4x4, industrial engine, snow plow. (201)788-3844.

Int. 1466 diesel, 145H.P., TA 2500HRS, no cab. Excellent Condition. $9,000.00 717-345-4109.

Int. 574 gas, 52 HP, 3 pt., outlet, nice. $4,500. 301-898-7426.

Int. 61 Silage Wagon, 3 beater. $800. 301-898-7426.

John Blue Sprayer 300 gallon, field sprayer, V.G.S. $1100.00 (301)833-1847.

JB squeeze pump, V.G.S. $450 00 (301)833-1847.

JD 1020 gas tractor, high-low shift, good condition 215-285-6246.

JD 1209 Haybine, good condition, $1,995 717-529-2512

JD 12' disc, JD 4/16 plows, 7-T chisel plow, Gehl 880 haybine, 40' & 50' mow conveyor, 32' elevator, White 5400 air planter with monitor 4 row. 301-662-9280

JD 148 loader mounting brackets, like new, $400 (301)733-7360.

JD 2010, tricycle, gas, excellent condition, 1 owner, $2,000. 301-833-9091

UNDERHAUG round bale silawrappers, 3pth and trailer model, self-loading, VERMEER new and used round balers, 600-2200 lbs, many models on lot. Vermeer 23' rake, PZ basket rakes and teddars, NH haybines, 21' Loboy trailer and 3pt bale stackers. (412)423-4076.

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Vermeer new and used round balers, 600-2200 lbs. Vermeer 23' rake, PZ basket rakes and tedders. C.W. Neiderhiser Sales, (412)423-4076.

WANTED: JD 1010 crawler, running or in need of repair. (717)687-0102.

Walsh slim line saddle tanks and mounting brackets, 165-gallons each $300.00 for set. 717-534-1253.

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts. Franklin Co. 717-328-3591. If no answer 717-328-5603

White 2-35 w/loader, very good condition, 850 hrs. 215-926-2441

White 5400 no-till corn planter, 4R, 38" rows w/ insecticide attachment & monitor, $1,500 ; IH 966 diesel tractor, cab, air, dual hydraulics, $10,500 Perry Co. 717-589-3709 after 5 30p m

WOODS C-80 mower, $450. 301-833 9091

WOODS MOWER 20' Batwing, new, $9,900 301-833-9091

Woods mowe fits Cub tractor. 3 pt. fi sh mower JD 14T Baler 717-786-3087

Yellow Farmall Cub tractor with new Woods 60" Belly mower, $2,500., Also a like new JD 3 pt. 4-wheeled groming mower 5', asking $1,100 and a 5' Brush Hog never used, $600. Call 717-588-6350 Evenings

Dismantling For Parts Hein Werner C-14A excavator w/6V-53 Detroit power BALANDA EQUIPMENT CO
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Badger Model BN542 Blower (Magnet available) ..... Cash Price $2,250
New Holland Model 462 Disc Mower ..... Cash Price $3,950
New Holland Model 451 Sickle Bar Mower ..... Cash Price $2,350
Ford Model 930A, 72" Rear Mounted Finishing Mower ..... Cash Price $1,195

Tractor Special Of The Month

Deutz Model 7085 Tractor 4WD (85 HP) with Cab And Air ..... Cash Price $32,900

GARDEN TRACTORS

Deutz-Allis Model 1814H with 42" Mower ..... Cash Price $2,750
Deutz-Allis Model 1036 Sprint with 36" Mower ..... Cash Price $1,495
Deutz-Allis Model T816 with 48" Mower ..... Cash Price $2,895
Ford Model YT12.5 with 38" Mower ..... Cash Price $1,695

USED EQUIPMENT

Hay Equipment

IH Model 440 Baler w/Thrower $2,250
NH Model 268 Baler
NH Model 68 Baler
Ford Model 552 Round Baler
NH Model 1030 Automatic Bale Wagon
NH Model 488 Haybine
NH Model 495 Mower Conditioner 12'
AC Model 444 Baler w/Thrower
JD Model 660 Rake w/Dolly Wheel
N.I. Model 512 12' Hydra-Steer Mower Conditioner
NH Model 256 Rake with new tines
NH Model 310 Baler, with model 70 thrower

Miscellaneous Equipment

IH 3-Bottom 14" Trail Plows
Agway Trail Sprayer 300 Gallon
JD Model 245 Loader (fits JD 2030) Excellent
Pittsburgh 3-Bottom Plow
6' Heavy Rear Blade
B.H. Model SQ84R Squealer
Little Giant 25' Single Chain Bale Elevator, Like New, Motor Not Included
BH Model 305R Mower, Heavy Duty w/Slip Clutch (Excellent)
NH Model L-555 Skid Loader (Perkins Engine)
Ford 14" 4-Bottom Mounted Plows

Tractors

Farmall Model H
Deutz Model 8006
Ford Model 1720 FWD w/Model 7108 Front End Loader
Same Delphino 35 Tractor with loader and backhoe (low hours)

Forage Equipment

NH Model 770R2, 2 Row Cornhead
NH Model 25 Blower
NH Model 28 Blower
NI Model 620 Blower
IH Model 830 Harvester w/2 Row Corn Head & Electric Controls

Manure Spreaders

NI Model 212 Flail
NI Model 213 Flail
NH Model 513 w/Hyd. Endgate, Splash Guard
NH Model 679 w/Endgate, Splash Guard
Knight Model 250 w/Endgate, Upper Beater
I.H. Model 530 - New Sides

NI 17-A manure spreader, ground drive, 75 bu , $700 301-898-7426.

NI 456 round baler, field ready, makes 5x6 soft core bales Good condition $3,500 00 Franklin County 717-597-9869.

NO TILL DRILL TYE 7', $1,800 301-833-9091

NO TILL ZIP SEEDER 5', $1,500. 301-833-9091

Oliver 471 manure spreader, for sale or parts $125 717-437-3547 Eves

One 1937 T-20 IH crawler tractor, very good condition One 1967 Factory IH diesel pickup truck, good conditon IH 340 gas, very good Call after dark 215-488-7695.

Orchard and packing house equipment; irrigation pump and row crop spreader; Lilly drill; hydro cooler; Ih 1-row potato digger; disc harrow. Fruit Bins. Sunnyside Fruit Farm 609-561-5279 Call after 9pm.

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NEW ARRIVALS FOR DISMANTLING
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Porterway Tomato Harvester, good working condition, $5,000. 609/467-0250 or 609/467-2421

ROTARY MOWER WOODS #84, $1,200. 301-833-9091

ROTARY MOWER MOHAWK 8', 3 pt., gear driven w/new blades & seals, $1,500. 301-833-9091

Round Bale Trailer, 10x21', $700. 301-898-7426.

Sharp 5400 JD chopper, choice of heads, basic unit, $25,800. Will send pictures. Trade and finance. Larry Stalter, "The Chopper Man", 1-800-248-2151.

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$8.00/Acre
JD 8200 201-359-3846

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7 - JD 4239-T $1,550
2-71 Detroit Power Unit..... $2,250
4-71 Detroit Fan To Flywheel $2,500
Deutz F6L912, Power Unit
Deutz F5L912, Power Unit
5 - Aluminum Block 353 Detroit..... $975/exchange

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Digital, Western Cab, TA,
Triple Remote, Clean
$10,500
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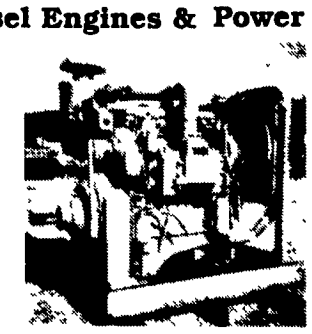

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48 - 500 HP	41 - 250 HP

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NH 489 Haybine, 3 yrs. old, nice ..... SOLD $4,650
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IH 5500 chisel, 7 tooth, 3 pt. $1,250
Pequea 710 tedder, 7' PTO, NEW ..... Call For Price
NH 489 Haybine, 3 years old .$5,300
JD 670 rake, w/Dolly wheel.. $1,350
18' Rack Wagon w/8 ton gear...$950
Mayrath 32' elevator w/motor....$850
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NH 489 haybine..... SOLD $3,200
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NH 401 Crimper..... SOLD $375
IH 700 4x16" plow, semi mount..... $1,250

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Hay Tedders - 7 Ft., 9 Ft., PTO, Ground Dr.
Bale Racks 8x16, 8x18, 9x16, 9x18
Wagon Gears 6-8-10 Ton - 12T Tandem
JD 660 Hay Rake
NH 467 Haybine
Pequea 7' Hay Tedder, PTO

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JD 4440, cab, air, QR
IH 1466, hydro, cab, air
IH 1066, hydro, cab w/2450 loader
JD 2020 d SOLD
NH 499 hydra-swing
JD 1209 mower conditioner
JD 346 baler w/kicker
JD 336 bal SOLD icker
NH 442 disc mower
JD 716A low side forage box
NH 892 forage harvester, 2RN C.H., 7' hay ' 0. SOLD

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JDA
Oliver 1850D
WFE 2-105

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Oliver 575 4x16 semi-mount plow
New White 378 4RW Cultivator
Used White 225 13' Field cultivator (1 yr old)
Oliver 6342 3-bottom roll over plow, nice
Ford 4x18 semi mount S.A.R. plow SOLD
Used 3 pt. 10' chisel plow

HARVESTING EQUIPMENT
New Hay Tedders
New Bale Wagons
Used NH 890 Harvester w/5 Ft. Hay P/U & 2R Corn Head

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New White 4&6 R No-till

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(1) Complete Rebuilt JD 4219 Dsl. Eng.
Set 18.4x38 Duals, 9 Bolt Hubs
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
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1 Set of Pallet Forks
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$950
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• Notice •

Inventory Reduction On The Following Farm Equipment Which Was Demonstrated. Call For Details.

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Gehl 1560 Forage Blower
Gehl 170 Grinder Mixer
Case IH 8540 Square Baler w/ Thrower

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IH 241	$1,850
Vermeer #605D	$2,800
NH 850	$2,800
NH 851	$4,000
Vicon #RP1200, (4' bale)	$4,000
Gehl #1450 (4' Bale)	$4,200
NH #852 (auto wrap)	$4,500
MF 1440 (4' bale)	$5,000

Hesston 7140 Chopper w/Grass Pick Up (new never sold).. $3,000
Hesstion 1014 2+2 Hydro Swing Haybine..... $1,800
Terrain King 15' Bat Wing Mower, All Hydraulic..... $2,500
JD 4020 Power Shift..... $6,500
NH 489 Late Model Haybine.. $3,500
NH 450 Sickle Mower..... $750
Brillion 4 Row Danish Tine Cultivator..... $950

215-267-3281 Morning & Evenings
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Martin Tractor

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Used Tractors

AC: D17; Case: 1030; Deutz: 9006; IH: 656 w/Loader; JD: 70 gas & diesel; Oliver: 1655; MM: G1000 Vista, G900.

Currently Dismantling Tractors For Parts

AC: B, WC, WD, D14, D15, D17, D19, 5040, XT190, 200, 7040; DB: 990; CASE: VAC, SC, DC, 430, 600, 700, 730, 830, 870, 1030, 1070, 1270, 1370, 1410; DEUTZ: 5506; 9006; FORD: 9N, Jubilee, 851, 971, 3000, 4000, 5000, 6000, 8000, 9600; IH: H, M, MTA, Super C, WD9, 200, 240, B275, 300, 350, 400, 404, 450, 460, 504, 544, 560, 584, 656, 666, 706, 756, 806, 826, 966, 1026, 1206, 1256, 1468, 1586; JD: A, B, 40, 50, 60, 70, 420, 520, 530, 620, 630, 720, 730, 1020, 1530, 2010, 2020, 2040, 2510, 3010, 3020, 4010, 4020, 4030, 4230, 4320, 4430, 4630, 5020, 6030, 8430; Long: 460; MH: 44; MM: 4 Star, 5 Star, Jetstar 3, 445, 602, 670, G900; G1000; G1000 Vista, G1050; Oliver: 60, 66, 70, 77, 88, 770, 1450, 1550, 1600, 1650, 1750, 1755, 1800, 1850, 1855, 1950, 1955.

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NH 1002 Auto. Bale Wa SOLD . $3,000
NH 404 Crusher..... $100
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Prices Negotiable
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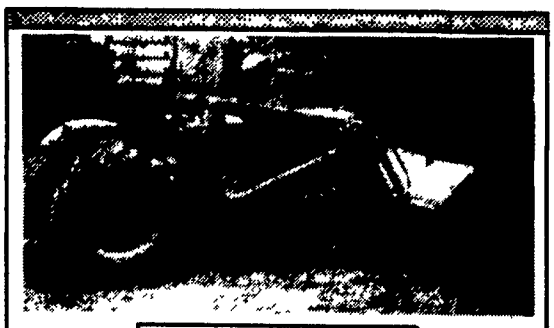

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1980 White 7300 Combine
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Ford 5500 TLB..... $8,500
Case 580B TLB..... $8,500
Case 580C TLB Cab..... $13,500
Case 580C TLB w/ROPS..... $13,500
IH Model 3500A, diesel, ROPS..... $8,900
(2) JD 310A SOLD ROPS, nice..... $12,000
Case 580D cab, SOLD condition..... $14,500
1988 Case 580K TLB w/cab 4WD, 314 Hrs., Excellent..... $36,500
1987 Case 580 Super E cab 4WD, excellent..... $27,500

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AC HD 7GB, crawler loader, almost new under carriage..... $13,000
1983 Case 850C Crawler/loader GP bucket, runs & operates very good w/poor undercarriage..... $14,000
Case 850 crawler/loader, good condition..... $8,500
1975 JD 350B Crawler/Loader GP Bucket, open ROPS, steering problem..... $7,200 As Is
JD 450B 4 in 1 Bucket, good condition..... $11,500

SKID LOADERS

JD Model 570 Articulated motor/grader, very good condition..... $14,500
2 - Case 1825's..... $8000/ea.
Case 1835C, 400 hours..... $11,500
Case 1818 diesel, low hours Call For Price
Bobcat 743 Diesel 700 hours..... $11,000
Bobcat model 909 backhoe attachment fit 743 Bobcat..... $5,900
1978 Case W14 4WD loader w/4 in 1 bucket..... ~~$12,500~~ $10,500
Hough 530 4 WD Loader w/Grapler Forks, Very Good Tires, Good Condition..... $25,500
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Used Tag-a-long trailers 9 ton, 10 ton, ... Price On Request

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JD 2940, SGB, late model, nice..... $18,000
JD 2350 org., nice..... $12,300
JD 4230 QR, cab, air, new tires..... $11,600
JD 2440 Ind. PTO 2600 Hrs..... $8,500
JD 2030 diesel w/48 loader..... $7,200
JD 4020, WF, cab, diesel, console..... $7,100
643 Bobcat skid loader, 872 orig. hrs.. $6,900
JD 3020, side co SOLD diesel..... $6,800
JD 2520 diesel W SOLD draulics..... $6,700
JD 2030 Hi/Lo, Original 2800 Hrs..... $6,400
JD 1530, diesel, Ind. PTO, nice..... $6,000
JD 2030 Ind., PTO, HI Clearance..... $5,900
JD 2510 diesel, WF, nice..... $5,500
JD 3020 gas w/JD 48 loader, NF..... $5,500
JD 1020 Del. Ind. PTO, Fair..... $5,200
JD 730 diesel, electric start, fenders, PS $4,300
JD 3020 gas, NF, nice..... $4,100
JD 730 diesel, electric SOLD arp..... $3,800
JD 400 w/5' mower..... $3,400
JD 214 garden tractor & mower..... $1,500
JD 47 loader w/o valve..... $1,500
JD 3¼ ", axle duals 18x4x38..... $1,200
M & W Turbo Kit for JD 4020..... $800
JD roll bar/3020's & 4020's..... $550
Loader To Fit JD 430 w/Valve..... $500
Heavy duty roll-o-matic for 4020..... $350

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Zimmerman Elevators, Hay Tedders
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J.D. 8350 Grain Drill 18x6
Woods 10' Rotary Mower
IH Cyclo 800 Corn Planter, 4 Row
J.D. 800 Windrower
Pittsburgh Disk Harrow
Hardee 3 Pt. Offset Rotary
Gehl RB1460 Round Baler
N.H. 310 Baler w/Thrower
Gehl FB99 Forage Blower
Case Garden Tractors
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Cultivator IH 183, 6-30", excellent condition. Fuel trailer, tandem axle w/275 gallon tank, very good condition, painted.
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IH 1460 combine, 963 corn head, 20' #820 grain head, excellent condition. Documented maintenance. Ready to go.
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$4,200
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Combine 1989 1680 Case IH XPE, dual whls., specialty rotor, 4 WD, 1020 Case IH 25' flex head, 1083 Case IH 8-30" corn head.
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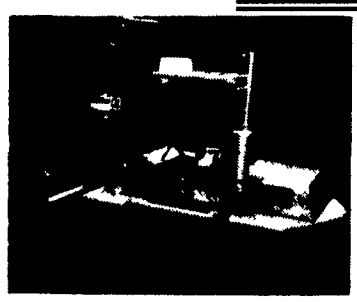

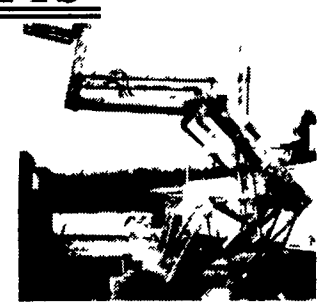

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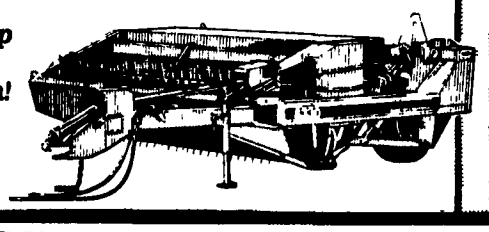

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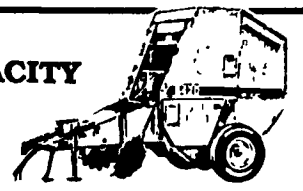

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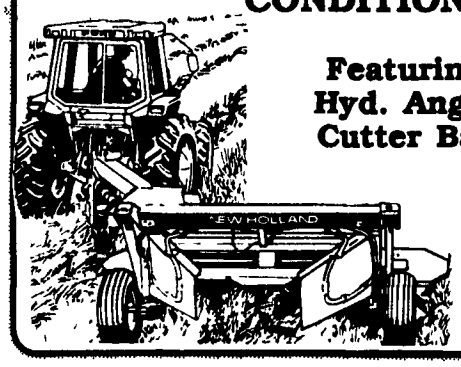

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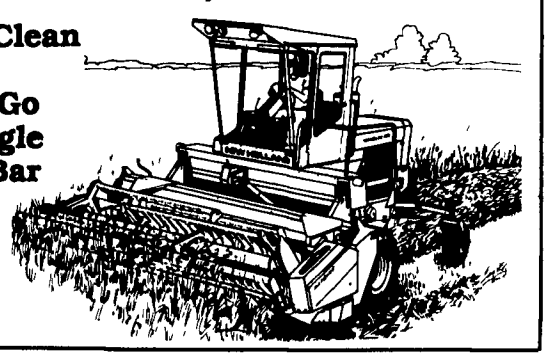

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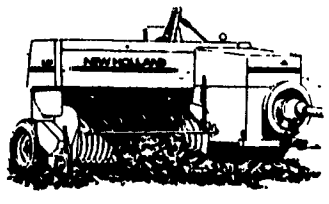

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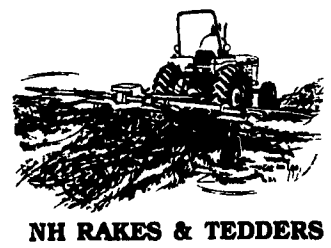

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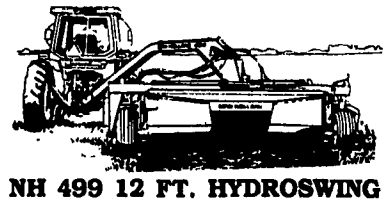

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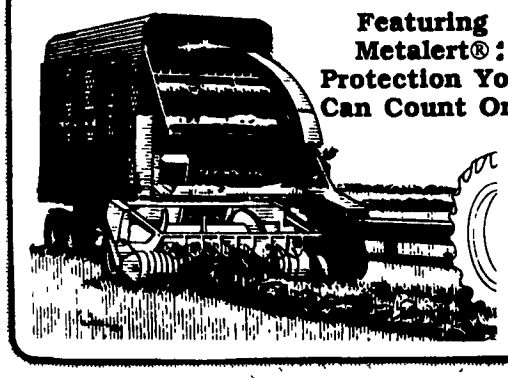

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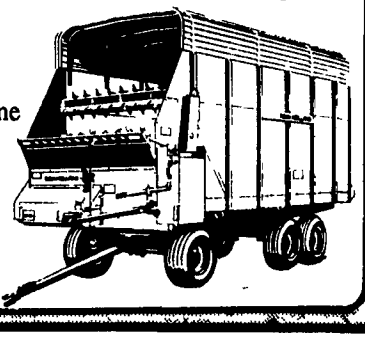

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NH 495 12' mower conditioner
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JD 230 wing fold disc, 23'
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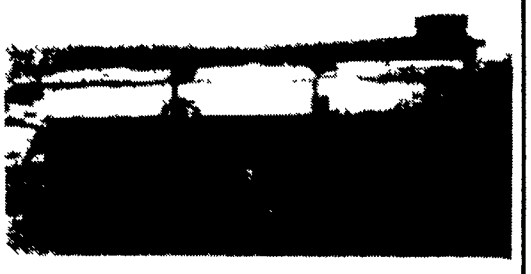

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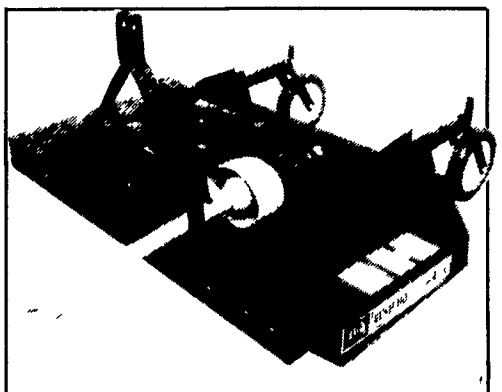

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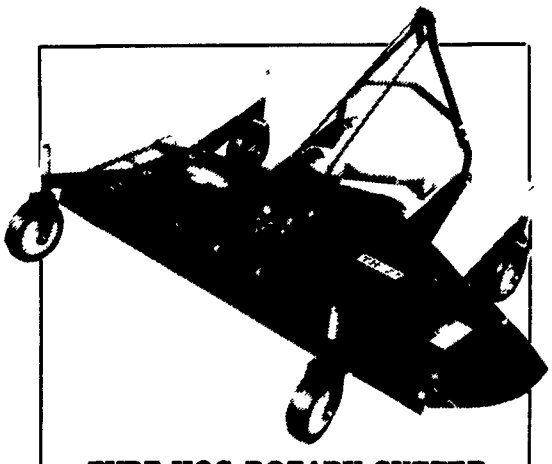

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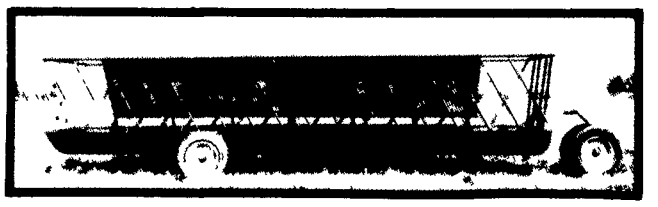

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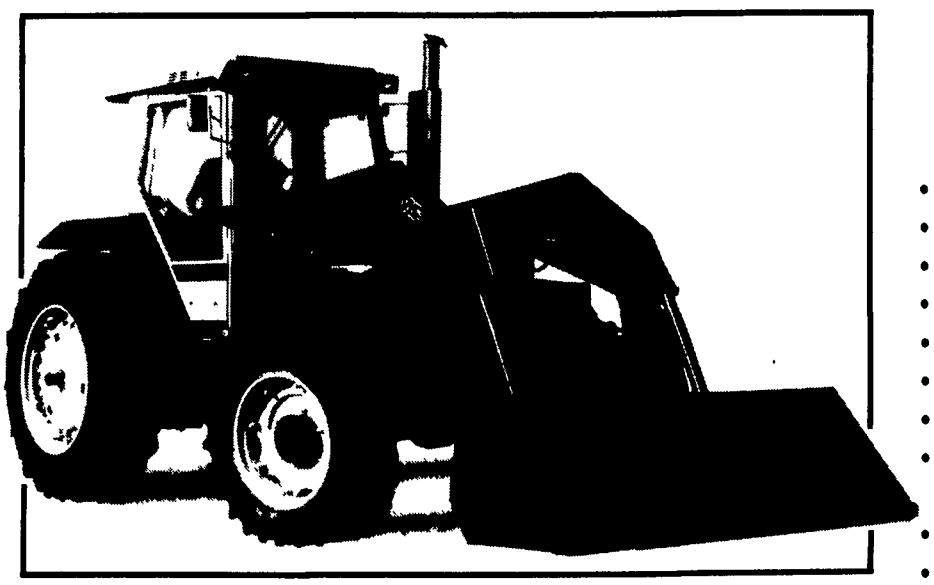

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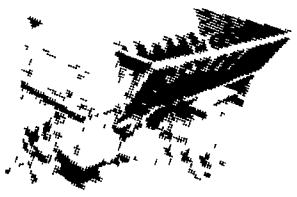

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Product Highlights

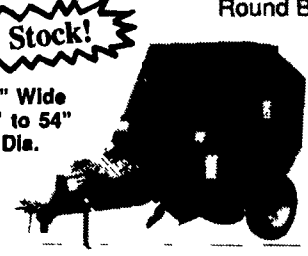
Hay and Forage

- The Case International 8420 Round Baler was designed with the smaller operation in mind It produces weather-tight bales that measure 39 inches (99 m) wide and up to 54 inches (1 37 m) in diameter It is priced to be competitive
- Open-throat, vertical bale chamber permits crop material to feed directly into the bale chamber eliminating the need for platform belts, chains and compression rollers The variable chamber also provides the capability of making bales that range from 30 inches to 54 inches in diameter
- Main frame, axle and hitch are unitized box construction utilizing high strength steel components to resist twisting and increase service life
- Force-feed design provides immediate core formation and allows the operator to bale straw, cornstalks and crop residue just as easily as hay crops
- Dual bale tension arms maintain uniform belt tension and high-density from the core to the finished bale
- Low-profile pickup, 37 9 inches wide, sweeps the ground clean while standard rubber gathering wheels pull in extra wide, wind blown windrows for more uniform filling of bale ends
- The windguard holds the crop down while the pickup tines feed the crop into the bale chamber in an even flow

8420 Round Baler

In Stock!

39" Wide
30" to 54" Dia.



- Choice of manual or hydraulic twine-wrap syster to match any budget or operation
- Bale size indicator provides operator with constant reference of bale size during bale making process

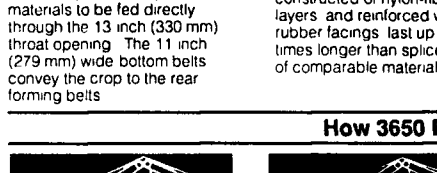
IN STOCK WITH MANUAL TIE.

Hay and Forage

In Stock!

3650 Round Baler

5' Wide x 6' Dia.



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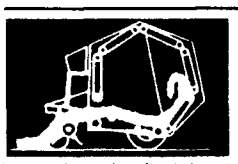
Product Highlights

- Open throat fixed volume bale chamber permits crop materials to be fed directly through the 13 inch (330 mm) throat opening The 11 inch (279 mm) wide bottom belts convey the crop to the rear forming belts
- Endless molded forming belts, constructed of nylon-fiber layers and reinforced with two rubber facings last up to 40 times longer than spliced belts of comparable materials
- Control monitor for electric tie mounted on the tractor allows operator to adjust twine tying speed Light and buzzer indicate when bale is ready to tie
- Dual gauge wheels are standard equipment They protect the pickup from damage in rough or uneven fields
- Main frame axle and hitch constructed of high-strength welded box beam steel resist twisting forces from rough and uneven fields
- Driveline is shear bolt protected from overloads or obstructions preventing possible expensive damage and downtime

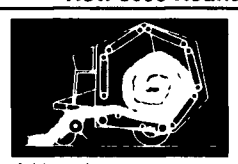
The Case International 3650 Round Baler produces large weather resistant bales 6 feet (1 83 m) in diameter and 5 feet (1 52 m) in width and is designed to combine high production performance with easy operation

- Low profile pickup 75 75 inches (1 92 m) wide gets all the crop open end design pulls in the crop without hairpinning The four bar 88 tooth reel lifts and moves the crop smoothly to the bale chamber with minimum leaf loss
- Electrically controlled dual twine arms assure fast efficient tying
- Bale counter is standard this allows the operator to keep track of yields as well as amount of work accomplished
- Constant-velocity driveline allows quiet operation at turning angles up to 80 degrees
- Wide 11 inch belts provide almost 92% bale coverage to minimize crop and leaf loss

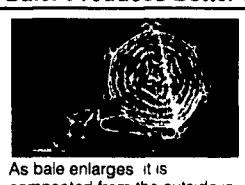
How 3650 Round Baler Produces Better Bales



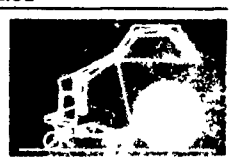
Low profile pickup feeds hay to large open throat and into fixed bale chamber Bottom belts move material to the rear where lower forming belts lift and tumble material to the center of the chamber No rolls to crush and mat the crop



Additional crop continues to build around the center material



As bale enlarges it is compacted from the outside in The result is a hard well formed weather resistant outer shell with breathable core



When bale is completed it is twine wrapped and ejected There is no need to back up the baler to eject with the optional trip gate

---

ALSO IN STOCK: Model 3450 Round Baler For 4' Dia. x 5' Wide Bale With Built-In Bale Slicer So You Can Cut Your 5' Bale In Half - Enabling You To Hand-Feed Into Your Sweep-In Trough.

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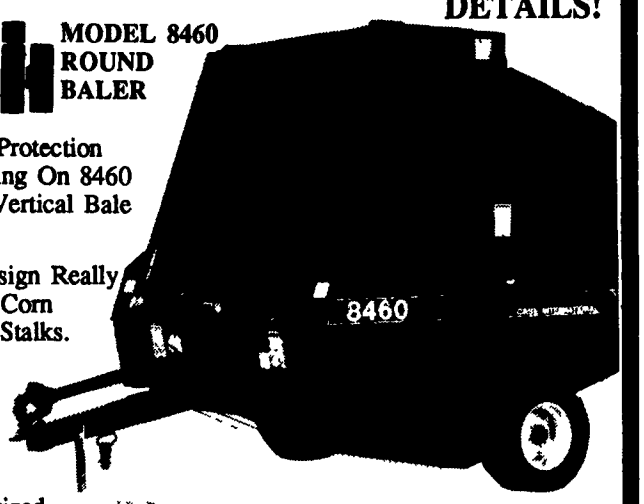
RENTAL BALERS AVAILABLE FOR CORN FODDER - CALL FOR DETAILS!

case IH MODEL 8460 ROUND BALER

- Overfill Bale Protection
- Automatic Tying On 8460
- Open-Throat Vertical Bale Chamber



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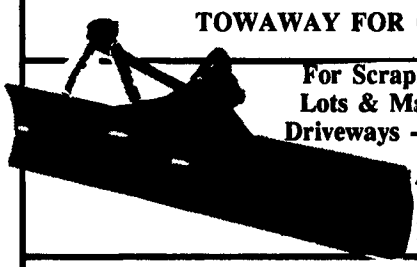

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SPECIAL OFFER ON A NEW CASE 1825 DIESEL UNILOADER POWERED BY A 25 HP KUBOTA,

w/Large Flotation Lug Tires, 49" Utility Bucket, Rear Counter Weights, Lights-2 Front & 1 Rear. Cold Start Aid Kit, NC 3056.

If You Like Versatility, Buy This Hydrostatic Drive Diesel Powered Work Horse! Let Your Tax Dollars Help Pay For This Machine By A Super Lease w/Purchase Option Plan Now!

$10,300

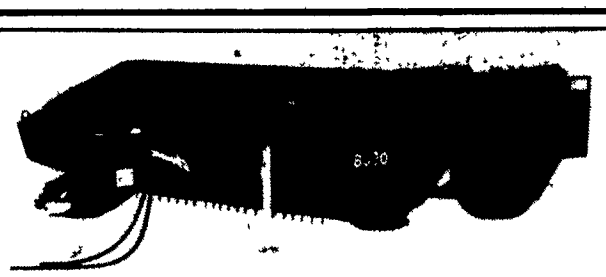
1825 Uni-Loader® Skid Steer

PULL-TYPE MOWER CONDITIONERS

8830 - 9' Machine

In Stock Now!

- 9'3" Wide With 110" Conditioning Rolls
- Easy Adjustment For Swaths Or Windrows
- "Ticor" Rolls For Aggressive Conditioning



IN STOCK:
1 With Ticor Rolls
And 1 Without Ticor Rolls

case IH 8730 FORAGE HARVESTERS

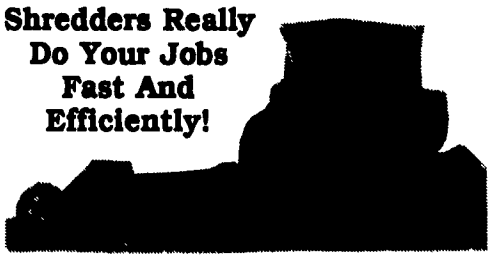
- Eight Knife Cutting Cylinder
- Straight Through Crop Flow
- Knife Grinder

In Stock w/72" Hay Pickup & 2 Row 30 Corn Head

Also 8720 In Stock

Why Not Make A Special Pre-Season Deal Now!

No Matter If You Mow Pastures Or Shred Stalks - Case IH Shredders Really Do Your Jobs Fast And Efficiently!



50 and 60 Shredders
Model 50 is 150" Wide
Model 60 is 170" Wide

In Stock!

CASE IH 3 PT. DISC MOWER CONDITIONERS

In Stock: Pick Your Size

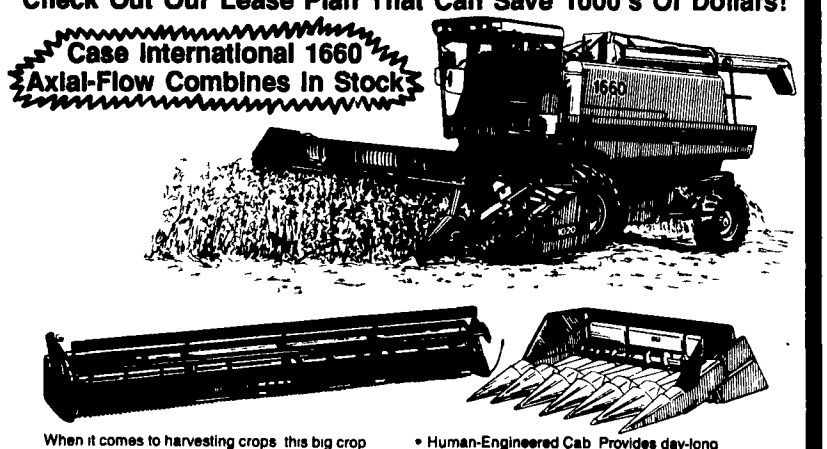
- 4 Disc 5'6" Cutting Width
- 5 Disc 6'8" Cutting Width
- 6 Disc 7'10" Cutting Width

Also In Stock: Case IH 1300 3 Pt. 7' Sickle Mowers At $2,950 Each

Binkley & Hurst Bros. Inc. Savings To You - TAKE ADVANTAGE NOW!

Check Out Our Lease Plan That Can Save 1000's Of Dollars!

Case International 1660 Axial-Flow Combines In Stock



When it comes to harvesting crops this big crop saver can save more grain than other combines in its size class It has the muscle to "get in and get out" fast to make the most of each day of good harvesting weather It consistently turns out cleaner grain so you can get top market price Put a 1660 to work and take advantage of these field-proven features

- Axial-Flow Design Uses a single rotor with fewer moving parts and fewer problems than conventional combines using the cylinder-and concave design Its more gentle threshing action means less cracked grain and top price for every bushel
- Human-Engineered Cab Provides day-long comfort for increased operator productivity
- 180 hp Turbocharged Diesel and 3-Speed Hydrostatic Transmission Plenty of power to handle soft soils and hilly terrain
- 1015 Pickup Header Available in 11- and 13-foot widths Hydraulic variable speed drive lets you match crop pickup to ground speed for smooth delivery with minimum shattering
- 1010 Rigid and 1020 Flexible Cutterbar Direct Cut Headers also available in several widths from 15 to 30 feet depending on model
- 1000 Series Corn Heads in four to eight row sizes

The 1660 Axial-Flow Combine . . . a generation ahead.

The Other Combine Dealer Who Gives Service And Sells Combines - See Us Now!

BINKLEY & HURST BROS., INC.

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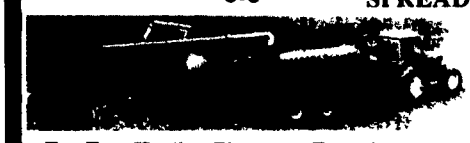
case IH

MAKE SURE YOUR MANURE EQUIPMENT IS "HUSKY BUILT" —

The Name That Describes The Quality!
Can't Find Your Size? Husky Will Build To Your Specifications. Ask For Merv!

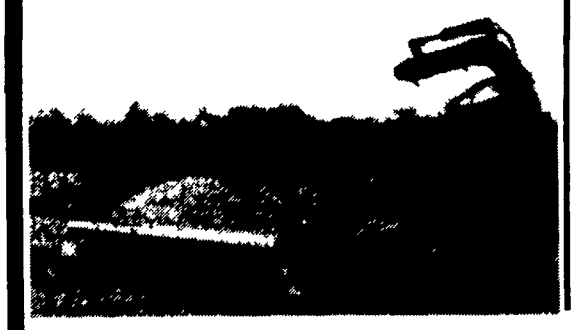
TOP FILLS HUSKY LIQUID MANURE SPREADERS



A Size To Suit You!

For Fast Hauling Pick A Spreader Size To Suit Your Tractor. Every HUSKY TANK Is Made From Heavy Gauge Alloy Steel Carefully Lined With A Special Coal Tar Epoxy Liner.

HUSKY THE HUSKY LAGOON MANURE PUMP

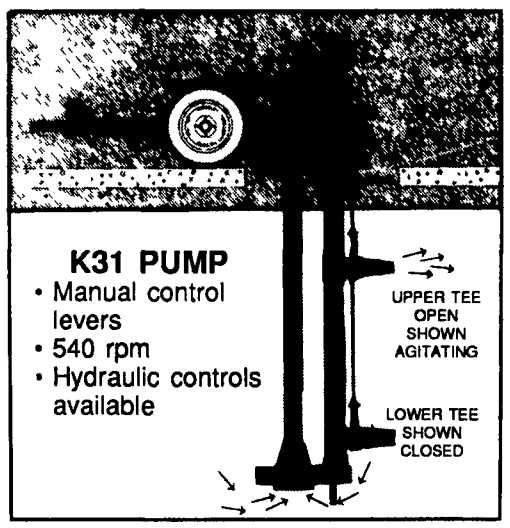


H5000 LIQUID MANURE PIT PUMP

- 540 or 1000 simply turn gear box over
- Change from agitate to pump at full speed

FEATURES ON HUSKY H5000 AND K31 PIT PUMPS

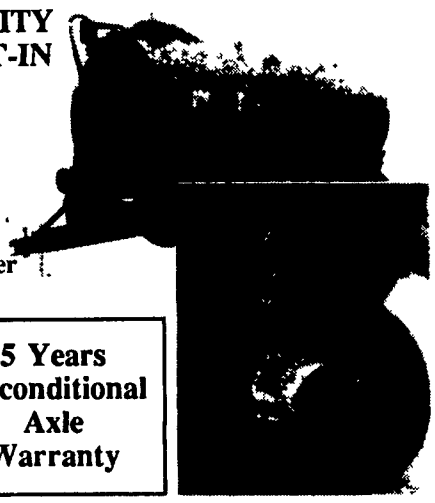
- Dual agitators rotate 280°
- 15 ft discharge pipes
- Quick disconnect 360° for easy set up
- Marine bearings water lubricated
- Pit depths up to 14 ft
- Heavy duty gear box and PTO
- Set up is totally hydraulic
- Bolted frame for easy service
- Curved impeller blade greater hp efficiency
- Vertical deflectors available
- Hydraulic propeller available



K31 PUMP
- Manual control levers
- 540 rpm
- Hydraulic controls available

HUSKY QUALITY BUILT-IN VACUUM TANKERS

Vacuum Liquid Spreaders With 2 Fill Ports, 1 Rear & 1 Side.
- 210 CFM vacuum pump, larger than normal size
- 6" (150mm) vac hose
- Secondary moisture trap
- Positive float shut off
- Vacuum pump supplied with high heat vanes



5 Years Unconditional Axle Warranty

Call For A Super Deal!

See Our Replacement Pumps At Special Prices - Ask For Your Sizes & Price - BUY NOW AT BIG DISCOUNTS!

New Gehl 860 Chopper In Stock! Also #1 Line Of Gehl Forage Boxes And Several Left-Over Old Price Forage Blowers

Gehl s 860 forage harvester can be used with tractors from 60 to 150 hp It features a patented single-station cutterbar adjustment Options include metal-stop metal detector, an in-head hydraulic knife sharpener that allows in-field knife sharpening and refacing of cutterbar, using tractor hydraulics, overrunning clutch, bevel extenders for the cylinders, haylage water tank and tandem axles The best buy on the market! Make us prove it with a demonstration

Solid. Reliable. Efficient.

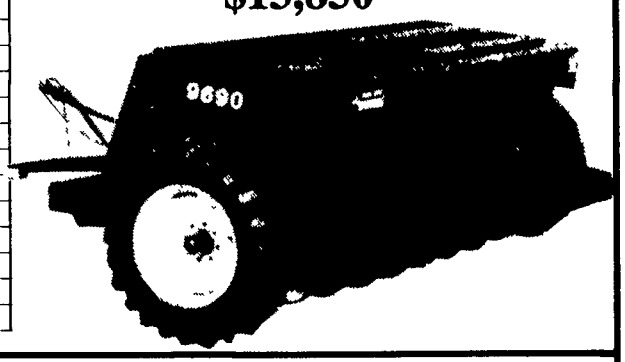
BUSH HOG LILLISTON NO-TILLAGE DRILLS

List Price ~~$17,118~~
Buy Now For Only $13,850

10'6" 9690

Don't Miss It!

SPECIFICATIONS	
Model	9690
Planting Width	10'6"
Row Spacing	7"
No. Openers	18
Coulters	14" Dia Flat
Double Disc Openers	14" Dia
Overall Height	4'9"
Overall Length	12'7"
Overall Width	13'10"
Min. Empty Weight	5500 lbs
Max. Empty Weight	8160 lbs.
Approx. Loaded Weight	10,000 lbs
Grain Box Capacity	32 Bushels



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In The Market For A Good Mower Conditioner? See Us For A Demonstration!

THE Gehl 2140/2170 mower conditioners will thoroughly condition your hay. These pull-type mower conditioners are built for fast cutting, fast drying and worry-free performance. The wide, intermeshing rubber rolls with intermittent ribs give you 35% more working edges than continuous-ribbed rolls, for more thorough conditioning. That means shorter drying time with less leaf damage. See Binkley & Hurst, your Gehl dealer today on how the 2170 with a 9 ft. 3 in. cutting width, will fit into your haymaking operation. 3 Pt. Suspension!

Thoroughly Conditioned
Several 9'3" Cut Model 2170 IN STOCK!

DEMO FIELD SPRAYER

500 Gal., 40' Boom, PTO Centrifugal Pump, Hydraulic Floating Boom, Electric Controls, Dual Jet Agitators, Stainless Steel Baffle, 16" Opening With 4" Center Cap

WE'VE GOT IT ALL... See Us Now!

Most Of These Items Are In Stock Unverferth McCurdy
- Gravity Flow Bins and Running Gears
- Gravity Bin Augers
- Grain Carts And A New Line Of Field Cultivators
- Dual Wheel Kits For Your Tractor
- Combine Header Transport Wagons

Save $1,000.00 Looking For A Used Flat Bed?

We Have An Air-Ride 48 Foot Spread Axle With 10'1" Bulk Head & Apitongue Floor

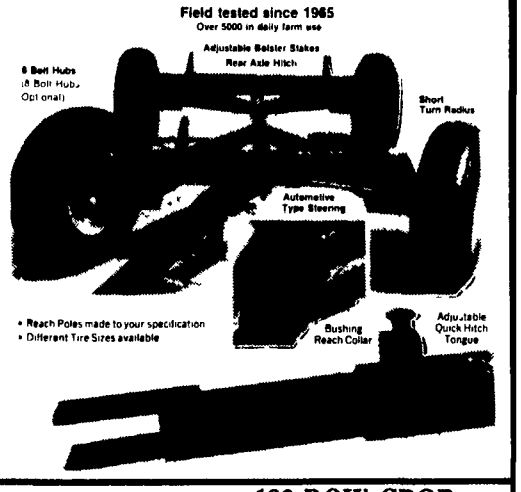
Only ~~$8,900~~
$7,900
Used In Our Own Fleet - Maintained & Reconditioned 1972 Fruehauf - Get A Super Lease With Purchase Option Deal & Let Your Taxes Pay For It!

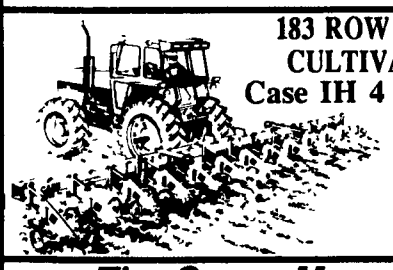
NEW HEAVY DUTY WAGON GEARS IN STOCK *Before You Buy, Check This Out And SAVE $$$!*

Prices Are Right - Examples:

6½ w/Used Tires & Tubes 10 Foot Long Pole 5 Lug Complete	8 Ton w/New 11Lx15-8 Ply Tires & Tubes 10 Foot Long Pole Complete	10 Ton w/6 Lug Wheels, Ext. Tongue w/New 11Lx 15-8 Tires Tubes Complete	12 Ton Single Axle Double Reach, Less Tires, 8 Lug Wheels Buy w/o Tires
$510	$750	$820	$930

Field tested since 1965
Over 5000 in daily farm use

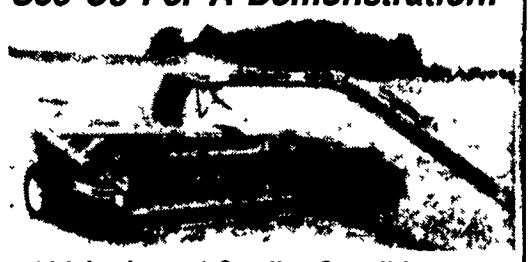




183 ROW CROP CULTIVATOR Case IH 4 & 6 Row Models In Stock

Big 5"x7" Frame

The Super Mower - See Us For A Demonstration!



109 Inches of Quality Conditioning

A Gehl center pivot swing frame mower conditioner gives you high capacity cutting and conditioning with outstanding maneuverability Two models are available the 2240 with 12 3 cutting width and the 2270 with 14'3 cutting width Both models feature wide 109 inch rubber conditioning rolls with intermittent tread design to deliver thorough uniform conditioning These machines pivot at the center of the frame for easy header positioning reducing cutting time and lowering fuel costs And total hydraulic drive means smooth operation and low maintenance Put a Gehl swing frame mower-conditioner to work for you today!

Model 2240 In Stock At 12'3" Cutting Width - *Priced Right!*

END OF SEASON CLEARANCE

New Kinze 6 Row 30" Corn Or Bean Planter With Insecticide, Dry Fertilizer, No-Til Coulters, Monitor, Heavy Duty Row Markers, Double Disc Openers, 4 Transport Wheels

ONE ONLY $11,900 -FOB Cash Price

Don't Miss A Super Deal - "Buy The Best!"

Call For Other Units Available!

Also: Other Used Planters In Stock - No Reasonable Offer Refused!

Used White 5400 Air Planter 6 Row 30" Spacing With Liquid Fertilizer. Fluted No Til Openers, Insecticide. UM 1609 ..... **Stop In And Make Offer!**

Used John Deere 7000 6 Row 30" Conservation With Spring Loaded Coulters - Frame Mounted With Cast Iron Firming Wheels And Press Wheels UM 1563..... ~~$4,650~~

Used Allis Chalmers Planter Model 333 4 Row 30" Plate Planter, Dry Fertilizer With Double Disk Openers, and Double Disk Seed Openers, Planting Furrow Press Wheels, Insecticide, Fluted No Till Openers, UM 1545... ~~$2,500~~ **Towaway Special** ~~$1,900~~

Looking For Good Used Tractors? Read This Listing For Lots Of New Arrivals!

(1) Used Case IH Magnum 7140 Tractor, 195 HP, With Some Remaining Warranty, 20.8x42 Rear Tires And Front Wheel drive 16.9x28 Tires, Approx. 988 Hrs., 18 Front Weights, 3 Remotes, Like New, Updated ..... **$59,800 Eligible For 8.5% Financing**

(2) Used Case IH Magnum 7110 Tractor, 130 HP, 2 Wheel Drive, With 20.8x38 Radial Tires, 18 Speed Power Shift, Less Than 500 Hrs., UT 1245 ..... **$41,900**

(3) IH 656 Diesel Tractor, Wide Front, Hydro Drive, 15.5x38 Rear Tires, 70% Tread, UT2153 ..... **$5,500**

(4) IH 720 5 Bottom 18" Toggle Trip Plow, High Clearance With Cover Boards and Coulters, Like New, UM1647 ..... **$1,950**

(5) Used IH 600 Blower, UM1650 ..... **$2,500**

(6) Good Used 7' Gehl Model 1070 Mower Conditioner, UM1652 ..... **$950**
(For The Farmer Who Wants A Nice Mower Conditioner Without Spending A Lot Of $)

(7) Rhino Model 200 Heavy Duty Double Offset Plowing Disk, 10' Cut, UM1651 ..... **$3,250**

(8) IH 1086 Cab Tractor With Dual PTO, 18.4x38, UT 2142 ..... **$13,900**

(9) Kewanee Model 1010 Disk Harrow, 18' Wing Fold With Scrapers And Packer Hitch, UM1623

(10) Krause 2413 Disk Harrow, Very Good Condition, 9" & 10" Spacing, 24' Cut, Packer Hitch ..... **Call Today**

(11) New Holland TR85 Combine In Good Condition With 2 Heads, 4 Row Corn And 15' Flex Head With Caterpillar Or Diesel Engine, Very Reasonable Priced!

(12) IH 496 Wing Disk 24' In Good Condition, Hydraulics Complete, Ready For Your Field, UM 1569

(13) Bush Hog 108" Rotary Cutter Model 3108-02 ..... **$4,390**

(14) Bobcat Model 610 Skid Loader w/54" Bucket, UT 2132 ..... **$3,800**

(15) 12 Foot, White 255 Disk Harrow Transport With Packer Hitch, UM1648 ..... **$1,475**

(16) Case 1830 Uniloader, 30 HP, Sold New By Our Dealership, Only 2200 Hrs., UT 2115

(17) Good Used Duals 24.5x32 Firestone Tire Axle Duals - 25% Tread, Fits Any IH Tracotr w/3¼ Acles

(18) Late 1981 Case 1845 Diesel w/73" Dirt Bucket, 12:00x16.5 Flotation Tires, UT 2094, ~~$9,400~~ ..... **Stop In For A Better Deal**

(19) Case 1835C Diesel Uniloader, Less Than 500 Hrs., w/63" Utility Bucket, UT 2083, Was ~~$12,200~~ ..... **Stop In For Reduced Price And Get This Like New Machine**

(20) John Deere BWA Transport Wing, 20 Foot, With All New Blades, Dual Transport Wheels, Good Bright Paint, UM1646 ..... **Only $2,750**

(21) Case 1845B Diesel Uniloader, 2130 Hrs. w/73" Dirt Bucket, UT2099 ..... **$12,300**

(22) 2100 Gallon Better Bilt Vacuum Tanker, In Excellent Condition, UM1546 ..... **Call And Ask For Merv**

(23) Gehl 4400 Hydrostatic Gas Skid Loader w/Good 60" Bucket, UT 2056 ..... **$4,400**

(24) Used IH 60 Consertil Chisel With 4" Shovels, UM 1614

(25) CTI Fork Attachment To Convert Your Bucket Into A Pallet Fork: Model 2500 Lb. **$495**

(26) Grain Cart, 475 Bushel With 18.4x26 Tires, By McCurdy, UM1565

(27) 6 Shaft Type Block Tines For Forklift Almost New UM 1542 ..... **Very Reasonably Priced**

(28) Krause Model 4900 32' Wing Disk, Heavy Duty Finishing Disk, UM 1576 ..... **Come And See!**

(29) 1986 Case 1845C Uniloader w/Aux., Approx. 1700 Hrs. Or Less, UT2114 ..... **$12,900**

(30) Used Gehl 3510 Skid Loader, 28 HP Gas **$5,900**

(31) 1985 Case 1845C Uniloader, Only 968 Hrs., UT2074

(32) Case 1835B Uniloader, 1984 Model, 10:00x16.5 Tires, Lights, UT 2139

(33) Bush Hog 12' Transport Disk Harrow, Model 1436, UM1598 ..... **$2,295**

(34) John Deere Model 110 Transport Disk, 12 Foot, With Packer Hitch **$1,675**

(35) New Single Heavy Duty Subsoiler Shanks With Mounting And Automatic Reset, (Mount This Shank On Your Manure Tanker) ..... **$600 Each, Limited Supply At This Price!**

(36) Case 1835C Diesel Unloader, Less Than 500 Hrs., w/63" Utility Bucket, UT 2083, Was ~~$12,200~~ ..... **Stop In For Reduced Price And Get This Like New Machine!**

(37) Case Backhoe Attachment Model D100 w/20" Trenching Bucket, Used Only 20 Hrs., UM 1566 ..... **Like New For Only $4,600**

(38) IH Model 445T Square Baler, Big Capacity, Good Condition, UM1620 ..... **$2,350**

(39) New Holland 12 Foot Haybine, Come And See, UM1610 ..... **$3,950 Or Best Offer!**

(40) Oliver 4 Bottom 16" Rollover 2 Way Plow Model 3600, UM 1553 ..... **Only $1,650**

(41) Case 1816B Uniloader, 16 HP With 44" Bucket, UT2165 ..... **$3,350**

(42)Like New 475 Bushel Grain Cart, McCurdy With Unload Auger, Big Flotation Tires, 18.4x26 95%, UM1565

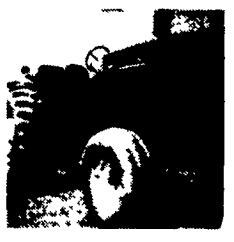
We Have A Good Selection Of Crawler Loader Tractors - Stop In And See!

- **Good 1985 Model Case 1155D Crawler Loader *Priced To Sell!***
- **1985 Case 855D With 4-In-1 Clam Bucket, Only 1786 Hrs., UT2178**
- **1985 Case 855D With General Purpose Bucket, Only 1535 Hrs., With Rear Ripper, UT 2171**
- **Case 850C 1982 Model Loader With General Purpose Bucket**
- **AC HD 5 Crawler Loader, UT 2184 $2900**
- **John Deere 450C Crawler Loader With GP Bucket**

OTHER INDUSTRIAL MACHINERY IN STOCK

- **Case 580E Cab Loader Backhoe, 4 WD, No Welds-Good Clean Machine 1986, UT 2173**
- **Allis Chalmers 4 WD Payloader With Cab, Model 840, 1¼ Yard Bucket, Recent Engine Overhaul, Also Front Snowplow Available, *Price On This Machine Is Reduced! Come Make A Deal!***
- **24" Trenching Bucket, No Shanks, Made To Fit Case Backhoes, UM 1469 - Make Offer!**
- **Zoom Boom Style Forklift By TCI, Model D4P60, 4 WD, 4 Wheel Steer, 34' Lift Height, UT 2158 - $24,900**

IH 656 Diesel, Hydro Power, Rated 62 HP, The Ideal Tractor For All-Around-The-Farm Work! UT 2153 **$5,550**



83 HP AC 6080 Diesel Tractor, 18.4x34 Rear Tires, 10.00x16 Front Tires, 540/1000 PTO, Dual Hyd. Rem., 9 Front End Weights, UT2181

New Gehl Diesel Skid Loader, 23 HP w/Hydrostatic Drive, 54" Wide Bucket, 8.50x15 Tires, Lights, Block Heater, One Only - Buy Before End Of May & Save $$$ Cash F.O.B. Only **$9,750**

GREAT FOR TIGHT CORNERS! 1987 Mini-Excavator, With 18 HP Yanmar Diesel, Backhoe And Dozer Blade-UT1746 New Machines Over $30,000 Buy This Quality Machine For Only **$14,600**

JUST TRADED - Allis Chalmers 6080 Tractor

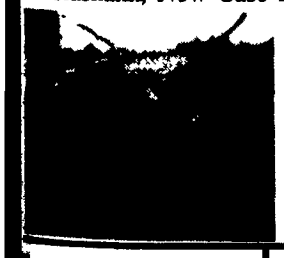
2 Wheel Drive, 83 HP With 18.4x34 Tires, Dual Remotes - *Stop In & Make A Deal!*

Need A Good Small Grain Combine - *Here It Is!* New Holland RT85

With 15' Grain Flex Header, 1980 Model w/ Actual 1485 Hrs., Cat Diesel Powered, Hyd. Drive

Only $16,900 At 8.5% Financing Up To 48 Months - *Let's Make A Deal Now!*

Look At This! Narrow Transport Wingfold Vibrashank, New Case IH 4500, 14¼ ' w/Only 11'8" Transport. Completely Ready To Go w/Hyd. Lift & Fold Cylinders & Hoses, 3 Bar w/30 Shanks On 6" Spacing, NC 2796



SPECIAL **$3,950** *Ready To Work!*

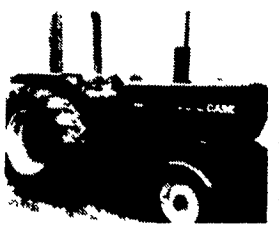
Used Cultipackers In Stock

- 12 Foot Brillion Packer UM 1639
- 16 Foot Brillion Packer With 2 Wheel End Transport UM 1633
- New Dunham Lehr 12 Foot Packer With 19" Rollers No. 4449

No Reasonable Offer Refused!

Case 2290 Cab, Air, Heater, 129 HP, Very Good Condition, Power Shift UT 2170

IH 1086 Cab, Air, Heater, 1977 Model, Dual Shaft PTO & Remotes, 18.4x38 Tires, UT2142



New 52 HP 585 Diesel Tractor, NC 3051, 2 WD-Rops Frame, Forward/Reverse Power, Shuttle Trans., High Flat Top Fenders, 540 PTO, 33" Telescoping Lower Links, Block Heater, 750x16 Front Tires, Dual Remote Valves, 17.3 GPM Hydr. Pump, H.D. 12" Clutch, Engine Coolant Filter, Fluid Filled Rear Tires, Front Wt. Frame

*** Residual Lease Subject To Credit Approval**

Price Reduced!!! SAVE $$$$

Good Used 45' Flat Bed w/Bulk Head, Good 10.00x20 Rubber, Slider, Tandems

ONLY ~~$5,900~~

NOW ONLY **$2,900**

Available - Almost New Side Kit With Tarp & Bows - $900
This Trailer Was Used & Maintained In Our Own Fleet!

Used New Holland 12' Mower Conditioner - *Come & See!*
Was ~~$3,950~~
TOWAWAY FOR ONLY $2,950
OR BEST OFFER!

Looking For Cheap Belt Power-Here It Is! Farmall 450 Rate 50 HP At The Belt. In Good Running Condition, UT 2169 ONLY **$1,450**

John Deere 3010 Diesel Backhoe Loader Tractor, Rear Differential Rebuilt. Buy This Digger For ONLY **$5,600** Inexpensive Digging Power Ready To Work!

155 HP Case 1370 With Dual Wheels UT2002 ***Best Offer Buys This Heavy Duty Work Horse!!***

GEHL

SAVE!

SAVE On This New Demo Model 4610 Diesel w/Self-Leveling Loader. Deduct $625 Off Our Reg. Low Price! NC4662

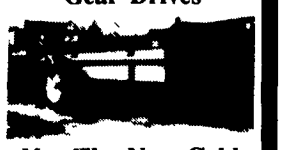
SAVE $200 By Deducting From Price!

IH 9000 Forklift 4x4 Diesel, Torque, Shuttle CASH $10,900 Save On This

4 Wheel Drive Forklift - 5000 Lb. 34' Height w/ Pallet Mast Forks

Discounted To $8,900

New Quality Gehl 250 Bushel Spreader With Top & Hydraulic Endgate, Heavy Duty Worm Gear Drives



Has The New Gehl Tuff Poly Floor To Prevent Freeze Fast, Has Splash Guard w/ Upper Beater, No. 4949 One Only, Towaway Special ~~$4,975~~ Cash Price Only $4,775 Towaway A Super Deal Now!

Heavy Plowing Disc

Krause Heavy Duty 24' Model 2413 UM1607 w/Packer Hitch

New Forage Boxes In Stock - See Us For Meyers Forage Boxes Model 518AL 6x16 3 Beater & Roof

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15W-40 Better than Series 3	$174.60
SAE 30 Better than Series 3	$170.20
Tractor Hydraulic Fluid	$177.90
Hydraulic Oil	$141.60

Ford 2000 1970
255 Bush Hog mower
NH 315 baler w/70 thrower
NH 489 haybine, 4 yrs. old
NH 55 rake
(2) 18' wooden hay wagons, 8 ton Farmers choice running gear
All equipment is in good condition and well maintained.

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These machines are "AS IS" TRACTORS

JD: H.
FARMALL: Cub, Super C, H, Super M, 460, 560, 444
IHC: 574 Gas, 656 diesel hydro, 300 utility, T5 crawler.
FORD: 8N, 3000, 2000 diesel, 2000 w/bk. hoe.
AC: B, G w/tools; WD 45, D19 gas
OLIVER: 770, OC 6 Crawler
LONG: 560
CASE: 530 TLB; 970 w/Cab
MASSEY: 204 gas TL, 65 diesel w/ind. ldr.; 165D w/loader.
SAME: Saturno 80
Salvage Yard: Ford 5000 diesel, late model, I300 utility
BRILLION: 8' cultipacker seeder
KUBOTA: 7100 4WD
HEDLUND MARTIN: 1263 Scavenger manure spreader
WHITE: 5400 no-til, 4R, air planter
UNI: 702 diesel w/726 husking unit

Salvage Yard: Ford 5000 diesel, late model, I300 utility

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Sales - Parts - Service

Ford Credit

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Ford 1220 4WD, Turf & Hydro
Ford 1320, 4WD
Ford 1720, 4WD
Ford 1920
Ford 7610, 4WD w/Cab & Air
Ford 7710
Ford 555C TLB w/Cab
Versatile 276 w/Loader

NH EQUIP.
NH 495 Haybine 12'
NH 305 Side Distributor Spreader
NH 308 Side Distributor Spreader
NH 326 Baler w/Kicker
NH 565 Baler w/Kicker
NH 570 Baler w/Kicker
NH 553 Skid Steer Loader
NH 783 Skid Steer Loader
NH 785 Skid Steer Loader Deluxe

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Mowers
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Disc Harrows
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6.9% A.P.R. for 24 months	8.9% A.P.R. for 36 months
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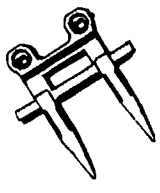
BARGAIN of the Month

Ford New Holland Guards Hardened Twice To Cut Better, Last Longer



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NEW EQUIPMENT

JD 712 mulch tiller, 11 ft., $7,500
JD 610 chisel plow, 8 ft. $1,950
JD 1460 Rotary disc mower conditioner w/rolls
JD 450 Hydro Push manure spreader, $5,400
JD 2955, 2WD, Open Station, Rental Tractor $25,000 less than 200 hours with warranty
JD 3155 4WD w/SG Body, $39,900
Landpride 48" over seeder $4,300
JD 338 baler hyd. bale tension, 40 bale ejector w/electric controls, $11,900
JD 1008 10' cut, pull type, rotary mower
JD 210 C loader backhoe, w/cab $39,900

USED EQUIPMENT

NH 320 Baler w/70 Thrower, completely rebuilt $6,500
Woods #120 10' Rotary Mower
JD 1327 Rotary Disk Mower Conditioner
JD F145, 5B Plow, $1,400
Ford 2110 4WD Tractor Loader, 35 HP 850 hrs., $9,800
Ford 2600 2 WD, very clean $5,200
JD 2640 2WD Tractor, completely rebuilt, new tires, $11,500
JD 3020 gas tractor w/canopy and weather enclosure $6,500
JD 950 4WD Tractor w/75 lder., $10,500
Southwest trailer 6,200 lb. capacity w/brakes, $1,200

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Division of Hesston Corporation
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FMC

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TRACTORS

JD 4020	$ 7,900
JD 855 w/MFWD	Coming In
MF 275 Dsl., 2200 Hrs.	$ 8,400
MF 65 Tractor w/Loader	Coming In
JD 5820 Self-Prop. Forage Harvester w/7' Pickup Head	Call $54,900

COMBINES

JD 6620 Side Hill	$39,000
JD 6600	$10,000
JD 4400	$ 7,000
IH 1480	Coming In
JD 213 Rigid Head	$ 2,800
MF 760 w/Heads	$ 9,900
JD 215 Rigid Head	$ 3,500
JD 653A Row Crop Head	$ 7,900
JD 444 Corn Head	$ 4,400
JD 443 Corn Head	$ 4,500
JD 443 Low Profile Corn Head	$ 7,900
JD 643 Corn Head	$ 6,800
JD 643 Low Profile Corn Head	$ 8,200
JD 244 Head	$ 2,800
ACK Corn Soy Corn Sp. w/10' Head And 2R Corn Head	Coming In

PLANTERS - DRILLS

JD 7200 12 Row Flex-Fold	$29,000
AC 4R Air Champ No-Til Planter	$ 2,800
Krause 5200 No-Til Drill	$10,900
JD 2R 3 Pt. Planter	$ 400
JD 4RW 7000	$ 3,900
Case IH 5100 20x7 Soybean Special	$ 4,400

TILLAGE

JD 2500 6/18 Spring Reset Plow	$ 3,500
JD 415 Rotary Hoe	$ 1,500
JD 1710 Mulch Tiller	$ 2,800
JD 1600 14' 3 Pt. Chisel Plow	$ 2,800
JD 1610 10' Chisel Plow	$ 2,000
JD 48 Loader	$ 1,400
JD 148 Loader	$2,200

HAY & HARVESTING

JD 530 Round Baler	$12,500
NH 275 Baler w/54A Ejector	$ 3,500
JD 35 Harvester, 2R 30" Head	$ 2,900
IH 720 Harvester w/2 Heads	$ 2,500
NI 324 Corn Picker w/329 Sheller	$ 3,700
JD 1219 Mo/Co	$ 6,400
JD 1209 Mo/Co	$ 1,800
NH 489 Haybine	$ 4,500
JD Running Gear and Hay Rack	$ 900
Grimm Super 8' Tedder	$ 1,295
JD 200 Hay Stacker	$ 1,700
JD 40 Manure Spreader	$ 1,800
JD 4R Harvester Head	$ 9,900

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Ford 8N w/Woods Mower
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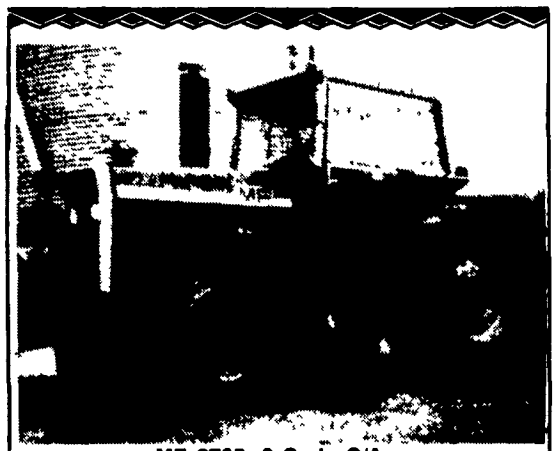
#1976. Ford 601
#1933. Ford 2000
#1934. Ford 2000
Ford 2600 w/Loader
Ford 3000 w/727 Loader
#1932. Ford 3000
Ford 3000
Ford 4000
Ford 5000
Ford 7600 w/DP
Ford 7600 Deck T SOLD
Ford 7600 w/Cab
Ford 7700, 4WD, 1980 w/Cab & Air
Ford TW15, 4WD w/Cab & Air, 1,700 Hrs., 20.8 Radials, 14.9x28 Radials, New
(2) JD 4230, Cab & Air, 1977
JD 60
#1950. IH 574
IH 986 w/Cab
Case 530 Ba SOLD
Ferguson 20
Mitsubishi 372, 15 H.P. w/Loader
Mitsubishi 160, 16 H.P. w/Loader

OTHER NEW TRACTORS
Long 2610
Long 360
Mitsubishi 372, 15 H.P.
Kioti 17 H.P., 4WD

Coming In...
Ford TW10, Cab & Air
Ford 8210, 4WD, Cab & Air

Hours: 8:30-5:00 Mon. Thru Fri.
8:30-12:00 Saturday



MF 2705, 8 Spd., C/A, 18.4-38 Dual Tires
$9,200

JD 4020, side console, power shift	$ 7,900
JD 3020, side console, power shift	$ 5,900
JD 2440 w/146 loader, new tires	$10,000
IH 3688, 18.4-38 tires, 1,294 hrs., sharp	$19,800
IH 686	$ 6,500
IH 666	$ 8,750
IH 186, hydro	$15,500
MF 2705, 8 spd., cab, air, duals	$ 9,200
MF 1155, cab & air, multi power	$ 7,900
MF 135 diesel w/loader	$ 3,800
MF 1105	$ 5,500
MF 1100	$ 4,500
MF 400 crawler w/loader	$ 5,500
MF 285, cab & air	$11,000
MF 270	$ 8,750
MF 255 - gas, hi clear, 2400 hrs., nice	$ 4,900
Ford 3 btm. roll over plow	$ 2,500
MF 246 loader	$ 2,500
MF 5 btm. trailer plow	$ 750
(4) MF flex heads	$2,000 to $ 3,000
Ford 6 btm. on land hitch auto. reset plow	$ 2,500
JD 2500 5 btm. plow	$ 3,000
Taylorway 14' rock flex disc	$ 2,500
JD 336 baler w/hydraulic thrower	$ 3,400
JD 224T baler	$ 1,500
NH 315 baler w/70 thrower	$ 5,000
NH 54A thrower	$ 400
Fox blower	$ 700
Parker gravity wagon	$ 1,000
JD 1209 haybine	$ 1,800
IH 830 chopper w/2 heads	$ 3,200
Portable saw mill	$ 2,500
Deutz Allis disc mower	$ 2,000
JD 1320 discbine	$ 2,800
4 row & 6 row Danish Tine cultivators	$800 to $ 1,500
(2) AC field cultivators	$ 1,000
10', 12' & 14' cultipackers	$500 to $ 900

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New Deutz Allis Model 380 Square Baler w/Thrower. Call For Super Price!

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Deutz Allis 6260 2 WD w/Loader
Deutz Allis 7085 AWD w/cab
Deutz Allis Disc 12'2" & 13'6"
GP 2.50 Round Baler
500 Gal. (Cagle) Sprayer
750 Gal. (Cagle) Sprayer

USED EQUIPMENT

IH 656 Hydro
(2) feed wagons w/scales
6080 AC tractor
IH 800 4 RW planter

Artsway *Silamix* Feed Wagon In Stock Now. Call For Special Price

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55 GALLON PRICES

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SUPERDUTY 10W30	$195.00
SUPERDUTY 20W40	$195.00
HEAVY DUTY 30	$175.00
SPECIAL DUTY 15W40	$182.95
TRACTOR HYDRAULIC FLUID	$184.95
ISO 46 HYDRAULIC FLUID	$155.00

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Ford TW10, cab, air, dual power, good condition
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Ford 7700, dual power, weights, 3,300 hrs.
Ford 7000 w/cab, dual power, dual hyd.
Ford 4000 diesel, 8 spd., 16.9x30, good cond.
Ford 3000 gas, 8 spd., PS, late model, 1 owner
Ford 860, 5 spd., PS, 3 pt. live PTO, excellent
Ford 850 w/lo SOLD spd., 3 pt., nice
Ford 600 w/Freeman hyd. loader, very good cond.
Ford 776 loader w/brackets, like new
Ford 951 Special 5' 3 pt. rotary mower, new
JD 950 10' cultimulcher
JD 660 rake w/dolly whl.
IH 2350 loader w/84" bucket, like new
NH 144 windrow inverter

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All Steel Frame Hay Wagon, 8x18
All Sizes, Steel Hay Feeders
24' Feeder On Whls.
Self Locking Panels
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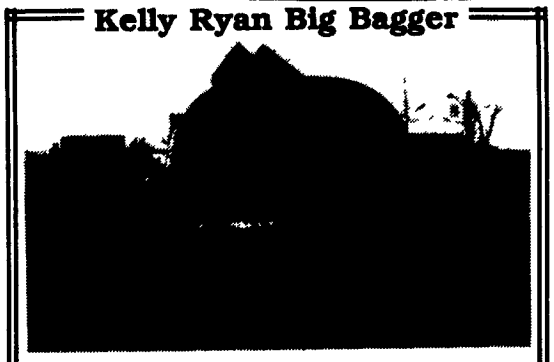
St. Thomas, PA
717-369-2637

Kelly Ryan Big Bagger



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Bobcat 540	$5,000
Bobcat 843 w/backhoe 410 hours	$18,500
Bobcat 722 w/ backhoe	$6,500
Bobcat 642	$7,195
Mustang 345	$5,500
Toyota SGK6	$9,000
Ford 620 Tractor w/Loader, Good Condition	$3,500
IH 656 Diesel Tractor & Loader	$4,500

Nothing runs like a Deere

TRACTORS

JD 4020 Gas SOLD	$ 3,500
IHC 806	$ 4,500
JD 4230 4 Post Enclosure, PS, Nice	$14,800
JD 855 w/300 Hrs., MFWD & Valve	$ 9,500
JD 650 MFWD w/L SOLD Backhoe	$ 9,500
White 2-88 4WD, Nice	Coming In
JD 2940 w/cab, 1700 hrs., excell. cond.	Coming In
JD 4520, PS, w.RG cab, duals, excellent	Coming In
JD 4050 w/cab, PS, excellent	Coming In
JD 2940 w/Cab, Like New, 490 Hrs.	Coming In
JD 2150 w/Turf Tires, 45 Hrs., Like New	Coming In

COMBINES

JD 6620 Sidehill 1979 w/2100, Nice	$31,500
JD 6620 Level Land SOLD/2000 Hrs.	$19,500
IHC 205 w/10' Grain Platform & Cab, Nice	$ 4,750
NI 709 Unisystem w/Sheller Unit & 4RN Cornhead	$18,900

CORNHEADS & GRAIN PLATFORMS

JD 15' Cutting Platform, Excellent	$ 2,350
NI 844 Snapper WR	$ 2,000
JD 643 Cornhead, Excellent	$ 7,850
JD 444 Cornhead, Excellent	$ 3,850
AC 3RN Cornhead w/Hesston Snapper Head Adapter	$ 2,300

MISCELLANEOUS

JD 1550 Powertill Seeder w/Grass Seeder, Nice	$ 3,250
Whitmore Blower Grinder	$ 800
NI 325 Picker Sheller	$ 2,500

HAY EQUIPMENT

NH 489 Haybine	Coming In
JD 660 Hay Rake, L SOLD w	Coming In
JD 337 Baler w/30 Ejector, Nice	$ 7,250
JD 336 Baler w/30 Ejector, Nice	$ 5,250
NH 320 Baler w/Thrower, Nice	$ 6,450
NH 315 Baler w/Thrower	$ 4,000
NH 310 Baler w/Thr SOLD	$ 3,500
NH 273 Baler w/Thrower	$ 2,500
NI 555 Baler w/Thrower	$ 4,000
NH 479 Haybine	$ 2,500
Owatonna 9' Haybine	$ 750
JD 1219 Mower Conditioner, Nice	$ 5,500
Hesston 5510 Round Baler, Nice	$ 6,450
3 - Used Elevators	$600-$ 1,200

FORAGE EQUIPMENT

Complete Cutter Head For JD Self-Propelled Forage Harvester. $3,000

JD 3960 Harvester w/Controls & 7' Grasshead	$ 9,000
JD 3940 Harvester w/Controls & 5½ Grasshead & 2RN	$ 6,650
IHC 555 Forage Harvester w/2RW & Grasshead	$ 2,500
Papec Forage Harvester w/Grasshead & 2RW	$ 800
JD 716A Forage Wagon w/1275 Tandem Chassis, Nice	$ 6,250

MANURE SPREADERS

JD 34 Spreader	$ 1,000
5 - NI Manure Spreaders	$700-$ 1,100

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RD 2 Rte. 164 East
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TRACTORS

Farmall 806 diesel, WFE, 3 pt., cheap H.P.
Ford 7000 diesel, flat deck, dual wheels & suitcase weights, 83 HP
AC 160 w/Perkins diesel, new motor, 45 HP

HAYBINES

Case self propelled 8', nice
NH 477 7', very nice
NH 467 7'
NH 478 7'- nice
IH 1190 hydro swing 9', nice
JD 1209 9'
IH 990 9'
AC 904 9'
NI 299 9'

FOR PARTS:
JD 1209
NH 467
NH 469
NH 461
AC 829

HAY RAKES

NI 403
JD 660 w/dolly wheel
NH 56
NH 55
IH hydraulic drive w/dolly wheel (like an NI 407)
David Bradley on rubber, good

CORN PLANTERS

IH no-till attach. for IH 400 planter
Ford Ferguson 2RW, 3PT, good, $250
IH 400 cyclo, dbl. disc 30" row, 6RW air, $500
IH 56 4x30 dbl. disc, nice, dry fertilizer, $725
JD 3PT 2-row, $250

BALERS

NH 311 S.S. w/70 thrower, NEXT TO NEW
NH 315 S.S. w/chute, nice
NH 276 S.S. w/thrower, very nice
NH 850 round baler w/auto wrap
NH 276 Super Sweep w/chute
NH 269 Super Sweep & chute, real nice
NH 270 w/thrower
NH 271 w/thrower
NH 275 Super Sweep w/chute
NH 273 Super Sweep w/chute
NH Super 69 w/chute
Massey 124 w/thrower
Massey 124 w/chute, late model
IH 435 w/15 thrower, nice
IH 37 w/10 thrower, clean

75 BALERS FOR PARTS

MISCELLANEOUS

NH 455 mower w/cylinder & crimper hitch, $775
NH 401 crimper, $250
IH 10 16x7 dbl. disc grain drill
IH 16x7 dbl. disc grain drill (on steel)
IH 510 16x7 grain drill w/fertilizer & grass seeder, $2350
JD 14' 3PT spring tooth field cult.
IH 510 4x16 semi mount plow w/gauge wheel, nice
NH 70 bale thrower off 310, like new
JD 38 harvester w/grass head & corn head
Gehl 99 blower, nice
IH 56 blower for parts
NH 36 crop chopper

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JD 8630 w/factory duals
JD 4640, cab & air
JD 4630, cab & air
JD 4620 w/cab
JD 4440, cab & air, quad range
JD 4440, cab, air, power shift
JD 4320
JD 4240, PS, cab & air
JD 4430, cab & air, sharp
JD 4040, cab & air, quad range
JD 4030, cab & air
JD 4020 diesel
JD 2510
JD 2940
JD 2940, 4WD
JD 2840 w/roll guard
JD 2750 w/loader
JD 2355, like new
JD 2350
JD 2240 w/cab
JD 2150
JD 2030
JD 3020 diesel
JD 3020 gas w/loader
JD 950
JD 850 w/mower
IH 5288, cab & air
IH 3688 w/cab & air
IH 3688, 4WD
IH 1086, cab & air
IH 986, cab & air
IH 886, 1,900 hrs.
IH 884 w/2250 loader
IH 685, cab & air, 700 hrs., like new
IH 684 w/2250 loader
IH 656 gas
IH 1066
IH 1466, excellent
Ford 8600 w/cab
Ford 3600 w/factory cab
Ford 3400 w/loader
Ford 2000
Ford 3000
Ford 340 tractor loader, 500 hrs.

New Ford 5610

JD 4650, power shift, 1,100 hrs., w/duals

INDUSTRIAL

MF 40B forklift
NH 779 skid steer
Gehl 4510 skid steer
Ford CL55, used 1,000 hrs.

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" spring reset plow
IH consertill 13'
IH consertill 10'
JD 3 btm. roll over plow
JD 4 btm. roll over plow
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 710 6 btm. on land hitch
IH 720 6 btm. 18" toggle trip
IH 720 5 btm. 18" toggle trip
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. spring reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 4400 diesel, 1,500 hrs., sharp
JD 4400 diesel
JD 7700 diesel

HAY EQUIPMENT

JD 1207 7' haybine
IH 7' haybine, like new
NH 478 haybine
NH 1033 bale wagon
NH 1010 bale wagon
New NH 1003 bale wagon
Gehl 7200 flail chopper
JD pickup head w/wheels

MISCELLANEOUS

New Woods 315 Bat Wing mower
NI 2 row wide, 8 roll bed
NI 2 row wide, 12 roll bed
JD 12' mulcher
Gehl 120 grinder mixer
Bush Hog plowing disc, 14'
JD 3RW harvester head, like new
IH 5100 grain drill
Kewanee mulcher, like new
Kewanee 18' hyd. fold disc
Kewanee 21' hyd. fold disc

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Rt. 579, Ringoes, New Jersey
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1 FARM EQUIPMENT

NEW— 40, 50, 60 & 70 HP TRACTORS IN STOCK READY FOR DELIVERY!

USED TRACTORS

AC 7045
AC 185
AC 7045, PS, Cab & Air, Nice
AC XT190 Series III
AC 180 (Good Cond.)
AC 190XT (Good Cond.)
AC 7030, w/Cab (Like New)
Used 443 AC Baler Very Good Condition!
Used NH, Gehl, Bobcat Skid Loaders

USED EQUIPMENT

IH 5100 Grain Drill, Double Disks
AC 600 Air Corn Planter
AC K Combine w/2 Row Corn Head & Grain Head

New Bobcat's In Stock

Spring Lawn & Garden Specials

Deutz Allis

Model 5215 Hydro D., 18 H.P. Engine, 2WD., List $10,125	Model 5215 Syncro D., 18 H.P. Engine 4WD., List $10,725	Model 5220 Diesel 26 H.P. Engine, 2WD., List $11,595
$7,200 1-Only	$7,600 1-Only	$7,800 1-Only

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Farm And Industrial Equipment
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bobcat
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Case IH 385, 4WD, 2200 Loader, 265 Hours
IH Farmall "C"
Int. F12 w/Cult., $450 - Runs
IH 444 Gas, Utility- $4,250
Int. 140 Fast Hitch w/Plow, Cultivator & Corn Planter
Int. 154 Low Boy
184 Low Boy w/59 Woods Mower, Nice Shape- $3900
Cub w/Mott Mower- Real Nice
Cub Lo-Boy w/Mott Mower
Cub w/60" Deck
Farmall Cub w/Gang Mower
David Brown 990 - Fair Cond.
Cub Equipment - Plow, Cult., Disc, Etc.
Ford 2110 Gas w/Ford Loader
Ford 2110 Gas Low Boy w/Big Turf Tires
Ford 3000 Gas w/Ford Loader
1835 B Uni-Loader, Nice Shape - $10,500
Ericson Skid Loader, Huskey Model w/4 Cyl. Wisc. Engine — $2,500
JD 1010, Tricycle SOLD Gas, 3 Pt. Hitch

COMBINES:
IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $2,500
IH 844 Cornhead - $2,500
MF 1144 4-Row Wide CH, $4,250
744 Wide Cornhead for 715, Ex. Cond.
MF 510 Diesel- Nice Shape
MF 13 Ft. Platform

COMBINES & EQUIP. FOR PARTS:
(2) IH 315's
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 658 Planters
IH 430 Baler w/Thrower

HAY & FORAGE:
550 IH Chopper (Parts)
NH 69 Baler w/o Thrower
IH 27 Baler - Real Nice
NH 452 3 Pt. Hitch Disc Mower - $1,900!
NH 717 Chopper, 1 Row Head, Hay Pickup - Nice Condition!
IH Direct Cut Head For 15 or 16 Chopper
JD 1209 Mower Cond., 9 Ft.- $3,250 - Reduced to $2,500!
Pittsburg 3 pt. Wheel Rake- $650

TILLAGE:
IH 37, 35 In Various Sizes
IH 76 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
Int. 315 Packer Mulcher, 25 Ft. Folding - Real Nice - $6,900!
1-Bot. Trailing Plow
Amco 24' Disk Harrow, 9" Spacing

OUTDOOR POWER EQUIP.-

Good Selection Of Used Lawn & Garden Tractors— All Makes And Models

1987 Cub Cadet, Model 1872 18HP, w/50" Deck
1987 Cub Cadet, Model 2072 20HP, w/50" Deck, Rental Unit
Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 982, 20 Hp., w/50" Mower- Rental, $3,200 - Reduced to $2,650
Cub Cadet 482 & 582
JD 214 w/Mower
Woods 210 Offset Mower
Worthington 3 Gang Pull Type Golf Course Mower- Ex. Cond.
Toro 7 Gang Pull-Type Golf Course Mower
National 5-Gang Power Driven Trailing Reel Mower
(2) National 3-Gang Triplex, 1987 Model, 68" Cut- Were $2,000 - Now $1,800 Ea.
National 3-Gang Triplex, Late Model, 84" Cut- $3,500
Gravely Model 812 w/Mower
Simplicity 5212 w/Mower- Like New
JD 272, 3 Pt. Hitch Finish Mower

Good Selection of Used Cub Cadets In Stock

MISCELLANEOUS:
Freeman Loader for IH 424
Martin 3300 Gal Liquid Tanker w/Injector
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue Model 700 500-Gal. Sprayer - New!!
NH 302 Liquid, Side Discharge Spreader - Nice Shape — $3,900
Meyers Forage Box, Model 518AL

PLANTERS:
AC 600 6-Row Narrow Air Planter, No Till, Ex. Cond.
IH FH 4-Row Cultivator
IH 56 4-Row Planter

ERB & HENRY EQUIP., INC.
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One Mile North of Boyertown
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SPECIAL SALE
10' STAKE-SIDE BOX DUMP

★ ONLY ★
$2995.00

2 Brake Axle, 5600# Lift
7000# GVW

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John Deere Sales & Service

1941 WC AC w/Lder.
1979 ST 251 Steiger, very good condition
8N Ford tractor with implements
1980 JD 6620 side hill combine w/215 flex platform and 643 cornhead
JD 8200 18 disc grain drill w/grass seed box
JD 650 MFWD w/60" belly mower and loader
AC 720 Forage Harvester, 2 R cornhead & 6' PU
JD 1209 mower conditioner
12 Ft. Bushhog Tandem Disk, wheel lift
2R Braco Potato Harvester w/PTO Drive
JD 125 chuck wagon on 1065 running gear
JD 4 RW Row Crop Cultivator
IH 56 RR wide planter with dry fertilizer
JD 8250 14 disc Grain Drill
JD 400 Lawn & Garden Tractor w/60" Mower
1974 JD 4400 combine w/213 platform and 442 cornhead
JD 1207 mower conditioner
1985 JD F930 front mount and 72" deck
1975 2030 JD w/roll guard and canopy
NH 479 Haybine, 9'
JD 210 Disc 12' wide, new blades
JD 7000 4R planter w/liq. fert. and unit mounted coulters
JD 2350 tractor, low hrs.
JD 7000 4 RN planter, liq. fert.

TRIPLE H EQUIPMENT
Wakefield, PA
717-548-3775 or 717-548-2094

NEW VICON EQUIPMENT

(2) LS 400M Sprayers, 28' Booms
(1) LS 630M Sprayer
(1) LS 1910T Sprayer
(1) LS 870M Sprayer
(1) LS 3010 Sprayer w/45 Ft. Hyd. Fold Boom
(10) Seeder/Spreaders
(1) RS 510T Tedder
(2) 9-Wheel Rakes
(1) Disc Mower
(2) KM 321 & (2) KM 281 Mower Conditioners

New Dealer For
POWER KING
Economy tractors

(1) Power King 1618 Tractor w/60" Mower
(2) Power King 1620 Tractors w/60" Mowers
(1) Power King Front End Loader

MISCELLANEOUS
(1) Pull Type Spin Spreader, 3600 Lbs.
Pequea 9x18 Bale Throw Racks
Land Pride 84" & 72" Rotary Cutters

NEW MASSEY-FERGUSON
(1) MF 240 Tractor
(1) MF 253 Tractor
(1) MF 362, 4WD
(1) MF 1020 Hydro w/Loader
(1) MF 1035 Tractor, 4WD
(1) MF 1045 Tractor, 4WD
(1) MF 72 Tedder
(1) MF 822 Round Baler
(1) MF 828 Round Baler

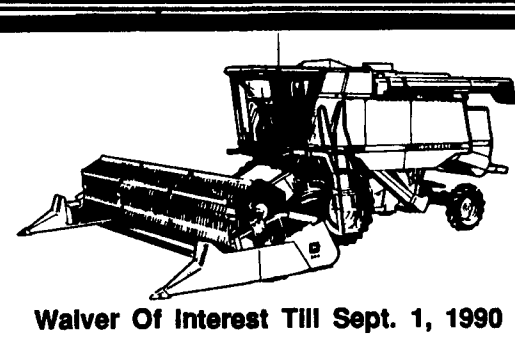
Arrived - New Shipment of Loaders

Vermeer

New! Just Arrived...
(2) 605 J (1) 504 IS (1) 505
(1) No-Till Grain Drill 107

Now Leasing New Vermeer Drills For 1990 Season... EXCELLENT PROGRAMS!

USED EQUIPMENT
(1) IH 24 Round Baler
(1) Vermeer 605 J Baler
(1) White 5/8 4 Row Planter No Till
(1) Ford Tandem Wing Disk 12 Ft
(1) 500 Gal. Century Sprayer w Marker Excellent!
(2) MF 30 Tractors



Waiver Of Interest Till Sept. 1, 1990

COMBINES

1989 JD 9600 w/4WD, 920 flex cutter bar, 843 corn head, 313 sep. hrs.
1975 JD 7700 rotary screen w/215 flex cutter bar
1977 JD 7700, rotary screen, 4WD, 215 flex cutter bar
1979 JD 7720 w/Mud Hog drive, 216 flex cutter bar
1982 JD 8820 w/4WD, 1,800 hrs. w/222 flex cutter bar, JD 843 corn head
1982 JD 8820, 4WD w/224 flex cutter bar
JD 653 bean head
1988 JD 920 flex cutter bar
1984 JD 224 flex cutter bar

TRACTORS

1975 JD 4630, cab, air, dual 20.8x38 tires
1978 JD 4440, cab & air, dual 20.8x38 tires
JD 1250 tractor, 112 hrs., like new
Ford 2000 gas

NEW JD 7200 4 row corn planter, plateless, dry fert. w/single disc opener, 100 monitor, insect. attachment, iron whls. Special Price $10,750

MISCELLANEOUS

IH #60 flail mower, 14'
JD RG 4 row cultivator, (4 row wide)
JD 7000 8-30 dry fert., insecticide, monitor
JD 7000 6-30 planter, dry fert., insecticide monitor
Deutz Allis 7-15" row corn & soybean planter
Brillion 13'8 roller harrow
1989 JD 6000 hi cycle, 60' booms
JD 27 Flail Shredder

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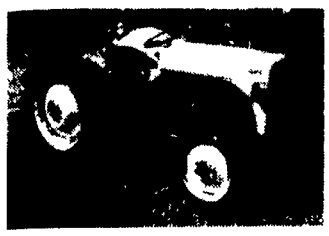
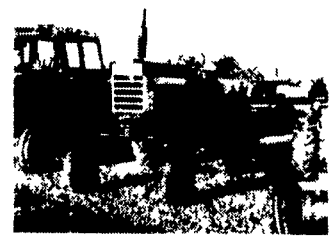


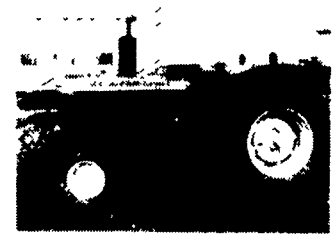
Ford 8N 3 Pt., PTO, Nice.
Price $3,250

John Deere 825 6 Row 30" 3 Pt. Cultivator, Nice:
Price $1,950

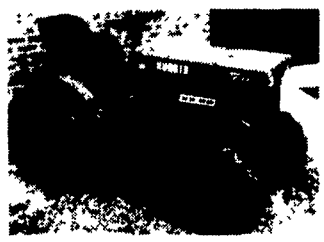
Brillion 4 Row 3 Pt. Cultivator, Clean.
Price $1,750



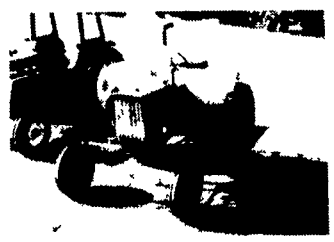
IH 560 Gas Hi-Clear, 15.5x38, 3 Pt., Remote. If You Do A Lot Of Spraying Take A Look At This Tractor, 62 Horsepower.
For Only $3,900



John Deere 2640- 1977 Hi-Lo Transmission, Independent PTO, New 30" Rubber, Nice, 70 HP.
Price $10,500



Kubota B6000 4WD, 3 Pt. PTO Diesel.
Only $2,900



Farmall 140 Hi-Clear With Cultivators and Side Dressers, Nice Condition.
$4,900

John Deere 310- 13' Disc, Nice Condition.
Price $3,500

International 444 Diesel With 1550 Loader, 3 Pt., PTO.
Price $6,500

Massey Ferguson 65 Gas, 3 Pt., PTO Nice Condition, 45 HP.
Price $5,400

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2640 Hi-Lo, 145 QT Loader	$13,200
4020 Diesel, Cab, WF	$7900
2020 Gas, Clean	$6500
3020 Diesel, Cab, Powershift	Call
850 4WD, Loader	$10,900

INTERNATIONAL

3088- 1984, 1700 Hrs.	$16,900
986 Cab, Good Cond.	$14,250
84 Hydro, Diesel, WF	$8900
1066 Cab, 2 Remotes, 540/1000	$8900
686 3 Pt, PTO	$6900
674 Diesel, Canopy, 3 Pt.	$6900
856 Diesel, WF	$6900
444 Diesel, 1550 Loader	$6500
706 Gas, Very Clean, Nice	$4900
140 Hi-Clear w/Cult.	$4900
856 Gas, WF, 3 Pt.	$4900
300 w/Loader	$4250
560 Gas, WF, Hi-Clear	$3900
140 Good Cond.	$3900
MTA	$1750
1086 Cab	Coming In

OLIVER

White 2-70 w/Canopy	$7900
1855 Fender, Clean	$6900
MM 900, 2-PTO, 3 Pt.	$5400
1800 Gas, NFE, Good Rubber	$4450
1850 Gas, WF, Noisy Rear	$3900
MM Super 4 Star	$2450
880 Gas, 3 Pt.	$2250
77 Gas, 3 Pt.	$1650
1950-GM Diesel	Coming In

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Imt. 542 Deluxe, New	$7900
Kubota B-6000- 4WD	$2900
Economy- Power King w/Loader And Attachments	$4450
Power King w/14' Mower, Like New	$4450
Ford 1520 4WD, Like New	$9900

ALLIS CHALMERS

220 Cab	$7900
185 3 Pt., PTO, 2 Remotes	$7900
190 XT- Diesel, 3 Pt.	$4900

FORD

5900- Like New, 66 Hrs	$14,900
3000 4WD	$6900
4000 Diesel, Canopy	$4900
2000 Gas, 3 Pt. PTO	$4900
8N 3 Pt., PTO	$3250
541 Diesel, Offset	$2900
5610 4WD, Like New	CALL

MASSEY FERGUSON

1080- Diesel	$6250
165 Gas	$5500
65 Gas, WF, Nice	$5400
135 Diesel, Power Steering	$4900
130 Diesel, Vineyard Tractor	$2900
20 PTO, 3 Pt.	$1550
85 Diesel	$2900

CASE

1030 Cab	$5900
730 1967, 2 Remotes- Nice	$4500

SKID STEER LOADERS

Case 1835B- Gas	$8900
Koehring 1350- Diesel, New Paint	$8900
Case 1845, Gas, New Rubber	$7900

TRUCKS

IH Fleetstar, 1X, V8, Gas Dump	$3900

NEW TRAILERS
2 Axle 5 Ton- 14'
$1,750
2 Axle 5 Ton- 16'
$1,850

TILLAGE

Long NU-Way 4x18" Plow	$5550
IH 710- 6X Spring Reset	$3450
JD 1450- 6x18" Trip	$2450
Oliver 548- 5x18" Spring Reset	$2900
JD 2500- 5X Spring Reset	$3500
IH 550- 5X- 14" Cushion Trip	$895
IH 710- 4X Spring Reset	$2450
JD 1450- 4X- 16" Cushion Trip	$1950
White 348 4x16 3 Pt. Plow	$1650
White 508 4x18" Spring Reset	$3400
IH 540- 4X Cushion Trip	$975
MF 57- 4X Rollover	$2350
JD 3X Rollover Plow	$1950
Ford 3X Rollover Plow	$1650
(3) JD 3X 3 Pt. Plows	$550-$795
JD 3x16" Semi Mt. Plow	$895
IH 3X- 14" Cushion Trip	$495
(2) Ford 3X Plows	$495
Oliver 2X Rollover	$1195
MF- 3X 14- 3 Pt. Plow	$595
IH 2X And 3X Trailer Plows	$595-$695
(5) 2X And 1X Plows	CALL
Glenco 14 Shank- 3 Pt. Chisel Plow	$1250
Bush Hog- 12 Shank- Pull Type Chisel Plow	$1950
Taylorway 10' Chisel Plow w/Coulters Nice	$2850
MF 9 Shank Chisel Plow 3 Pt.	$1150
Pico 9 Shank, 3 Pt. Chisel Plow	$950
Paulk- 7 Shank Chisel Plow	$1000
Taylorway 7 Shank 3 Pt.- Chisel Plow	$1150
Brillion 7 Shank 3 Pt. Chisel Plow	$1100
Kewanee 2000- 13'6" Offset Disc	$8750
Buster Bars 7',12' & 20'	$150-$450
MF 820- 21' Flex Disc	$6250
Krause 21' Disc	$4500
JD 18' Wing Disc	Coming In
Krause- 11' Disc	$2450
IH 370- Finishing Disc	$1950
JD 13' Disc	$1850
JD 310- 14' Disc	$3500
JD 8' And 8' Offset Discs	$895-$995
(2) Sub-Soilers 1 & 2 Shank	$350-$450
(3) AC 8' And 10' Wheel Discs	$850-$875
JD KBA Disc	$295
IH 37- 13' Wheel Disc	$595
JD 6' Pull Disc	$395
IH 5'- 1 Pt. Disc	$295
Glenco 10' Pull Type Field Cult.	$1275
JD C11- 12' or 15'- 3 Pt. Field Cult.	$895
Glenco 10' Or 13'- 3 Pt. Field Cult.	$595
(2) JD RG-6- 3 Pt. Cult.	$995-$1450
JD 825- 6X 30" 3 Pt. Cult.	$1950
Brillion 4X- 3 Pt. Cult.	$1750
JD RM- 438 3 Pt. Cult.	$1450
JD RG4- 4X 36" 3 Pt. Cult.	$795
JD 4X Front Mtd. Cult.	$750
Super A Cult.	$595
JD- 14' Pull Type Rotary Hoe	$295
King Kutter 50" Rototiller	$1275
IH 12' Cultimulcher	$2450
JD 930 12' 3 Pt. Cultimulcher	$1450
Brillion 16' Wing Spring Harrow	$1295
JD 10'-12' Cultipacker	$695-$1095
Bearcat- 12' Cultipacker- New	$1495
Brillion 14' Crowsfoot Cultipacker	$975
Brillion 11'-13'	$995-$1295
Spike Harrow 2 Section	$35 Per Section

HAY EQUIPMENT

NH 846 Round Baler	$5900
Deutz-Allis- SM-70RC Disc bine	$4900
NH 467 Haybine	$2450
NH 474 Haybine, Nice	$5750
(2) NI 279 Cutditioner	$1850-$2450
(5) Bale Wagons	$450-$900
Wagon w/Hoist	$995
(7) Sickle Bar Mowers	CALL
JD 450 7' Pull Sickle Mower	$1650
IH Pull Type Sickle Mower	$1050
3 Pt. Bale Mover	$225
JD 3800 Harvester w/2RN Cornhead- Pick Up	$3950
Pequea Hay Tedder- New	$1495
NH 258 Hay Rake- Nice	$2150

STALK CHOPPERS

IH 12' Chopper	$1850
United 14'	$2900

NEW EQUIPMENT

• King Kutter Scraper Blades 6' And 7'	$225-$250
Heavy Duty 7' And 8'	$895-$995
• King Kutter Scraper Blades 6', 7' And 8'	$225-$795
• King Kutter Rotary Mowers 4', 5' And 6' 3 Pt. And Pull Type	$595-$995
• King Kutter Post Hole Diggers 6", 9" and 12" Augers	$495
• King Kutter Discs 5½ ' And 6½ '- 3 Pt.	$495-$550
• King Kutter Finish Mowers 4', 5', 6' & 7'- 3 Pt.	$995-$1295
• King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'	$495-$595
• King Kutter Stone Rakes 4', 5', 6', 7' & 8'	$395-$595
Cornshellers- 3 Pt. And Pull Type	$795-$1795
Long Rototillers 55", 63", & 71"	$1495-$1995
Hay Tedders- 9'- 3 Pt. Or Pull Type	$995
Hay Wheel Rakes- 3 Pt.	$495
Seeders- Broadcasters- 3 Pt.	$395
Aerator 5'- 3 Pt.	$695
2x14" 3 Pt. Plow	$595
Subsoiler- 3 Pt.	$395
Cultivator 1 Row- 3 Pt.	$195
Potato Diggers 1 Row- 3 Pt.	$1495
Ag-Tech Preseeder	$5190
Shaver Post Driver	$1250

MISC. EQUIPMENT

Heads- JD 213 Flex	$3650
IH 810- 13'	$2500
NH 352 Grinder Mixer	$2450
Farmhand 817 Grinder Mixer	$3450
(2) Bin Wagon On Gear	$1000-$1100
Bearcat 6 Ton-8 Ton Gears On Rubber- New	$795-$895
Gehl FB 87 Blower	$595
65 Gal. 3 Pt. Sprayer- New	$795
Kuker 400 Gal. Sprayer, Cent. Pump- 30' Boom	$1950
NI 18 Manure Spreader	$995
NI 212 Manure Spreader	$2150
NI 217 Manure Spreader	$2450
NI 218 Tandem Manure Spreader	$2850
NH 328 Manure Spreader	$2250
(2) JD-N Manure Spreader	$795-$1495
Cub Manure Spreader	$795
NI 12' Lime Drill w/Grass Seed	$595
NI 10' Lime Drill	$495
Flat Wagon w/Sides	$595
(2) Rock Pickers	$1950-$2000
(2) 3 Pt. Transplanters	$395-$495
Farmec- 30' Elevator	$975
Little Giant 32' Elev.	$695
IH- 6' Fast Hitch Blade	$395
AC- 600 4 Row- No Til	$1900
JD 43 Cornsheller	$495
Arps Snow Blower- 3 Pt.	$595
IH 510-16x7" Single Disc w/Grass & Fert.	$3250
JD Loaders 145, 148	$2950-$3150
IH 2200 Loader	$2150
Ford 770A Loader- Plus Others	CALL
(5) Set Of Duals-Various Types	CALL
(16) Manure Forks	CALL
(8) Snow Blades	CALL
New Woodsman 3 Pt. Saw	$795
Cabs- AC 7000- JD 2630- JD 4020	Call
Woodsplitter- 3 Pt.	$425
Crust Buster- 3 Pt. Grain Drill 20x7" DD	$2350
Wood Chipper- Royer, 3 Pt., 8"	$2450
2- JD 290- 2 Row Pull Complanters	$495-$550
JD 1240- 4 Row Complanter	$1250
2- Ford- 3 Pt.- 2 Row Complanter	$495

ROTARY MOWERS

Woods RM48	$695
Woods M4- 4'- 3 Pt.	$495
5' Pull Type	$695
Ford 909- 5' Pull Type	$895
Bush Hog- 6', 7', 13'6"	Call
AC 6' Pull	$995

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- Case 1845C Uniloader- Demo Avail. At Old Price - Call!
- Case 1818 Diesel Uniloader- Extra Special Price!
- Case IH 2200 Loader
- Case IH 6500 11 Ft. Consertill
- Case IH 415 Packer Mulcher, 10 Ft. 1" Demo.
- Case IH 5700 3 Rank 11 Ft. Chisel

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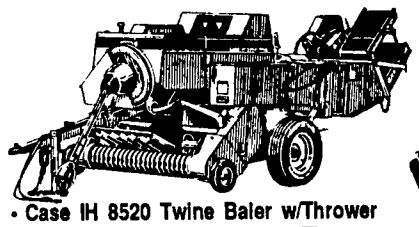

- Case IH 8520 Twine Baler w/Thrower
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower
- Case IH 8420 Round Baler
- Case IH 8430 Round Baler
- Case IH 8545 Twine Baler
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8340 9 Ft. Mower Conditioner, New Model
- Case IH 8830 12 Ft. Self Propelled Mower Conditioner
- Case IH 8360 12 Ft. Hydroswing

Case IH 275, 2WD, Demo, Low Hrs.
Case IH 385, 2WD, Shuttle Shift
Case IH 485, 4WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift, Heavy Duty Front Axle
Case IH 685, 4WD, Shuttle Shift (Demo)
Case IH 1818 Diesel Uni-Loader - Must Move!
Case IH 1825 Diesel Uni-Loader
Case IH 1845C Uni-Loader - New 60 Hp. Model In Stock

NEW! CASE 1840 UNI-LOADER IN STOCK!

Case IH 145 Rollover Plow, Auto. Reset- In Stock
Case IH 475 Disk Harrow, 11'6 Cushion Gang, 7½" Spacing
Case IH M[SOLD]himum Till Rotary Hoe
Case IH No. 14 Sub-Soiler, Auto Reset

MAGNUM IS HERE!
7110 2WD - Just Arrived!
7110 4WD - Just Arrived!
7120 4W[SOLD]t Arrived!

Case IH No. 10 Sub-Soiler, Manual Reset
Case IH 415 Packer Mulcher, 12'2 & 13'2
Case IH 5100, 24x6 Comb. Grain Drill- Extra Special Price - Must Sell!
Case IH 183 4-Row Cultivator
Case IH 183 6-Row Cultivator
Case IH 530 Spreader
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 1043 Cornhead, 4 Row
Case IH 1063 Cornhead, 6 Row

Over 20 200-Series Case-IH Compact Tractors In Stock!
• Special Price On Model 235 Starting at $7295 w/Mower

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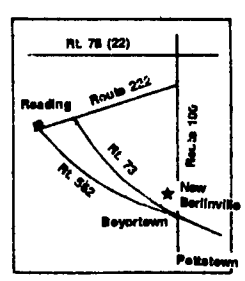

Hours: Daily 7:30 to 5:30; Sat. 7:30 to 3

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bobcat
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843 Bobcat 642B Bobcat
743 Bobcat 542B Bobcat
742 Bobcat
1600 Bobcat Articulated Loader

Used Loaders
L1200 Prime Mover
Reduced
$6,500
1000 OMC..... **$3,000**

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NH 849
Med Size R. Baler, Very Nice
$6,700
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USED TRACTORS

312A Wheel Horse 240 Hrs.	$2,450
IH 966	$8,100
IH 806	$6,200
IH 806	$5,500
MM G1000 Vista	$5,400
AC XT190	$5,300
AC 180	$4,900
Farmall 560 Wide Front	$4,250
Ferguson 30	$1,950

USED EQUIPMENT

JD 146 Loader	$2,200
12 Ft. Brillion Cultipacker	$850
11 Ft. Brillion Cultipacker	$800
Gehl CB800 Harvester Base Unit	$2,750
NH 472 Haybine, Nice	$4,200
NH 880W, 6 ft. Hay Pickup Head	$800
Gehl 600 Harvester w/Table	$2,850
NH 770 Harvester w/Table.	$2,650
NH 456 Mower	$1,450
NH 402 Crimper.	$1,000
NH 56 Rake..	$1,275
JD KBA Disk w/New Blades	$800
JD Rotary Hoe..	$900
10 Ft Brillion Packer Seeder	$2,200
Gehl HA900 Hay Pickup Head Ex Cond.	$850

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MILLER'S REPAIR
1 Mile North of Bird In Hand
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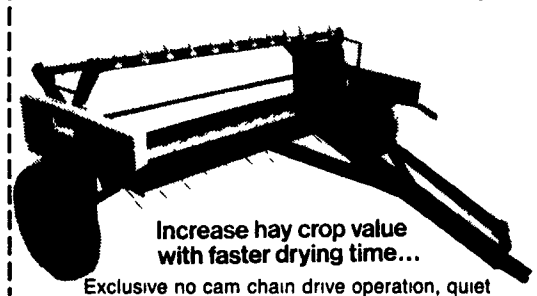
ZIMMERMAN HEAVY DUTY HAY TEDDER - 790 SERIES



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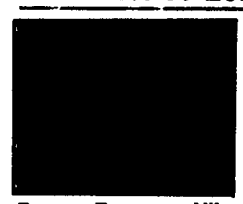
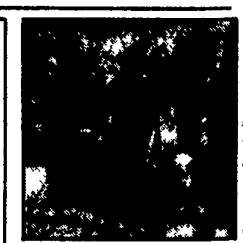


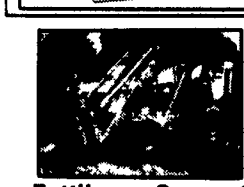
Raygo Romper, Vibratory Roller, Deutz Diesel, Hydrostatic
$4,995

1979 JD 310A
Full Cab & Heater, 1 Owner Machine w/Records, Ex. Cond.
$12,500

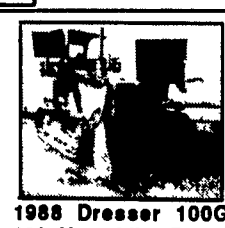


Case 580E, Full Cab, Standard Controls, Good Cond.
$23,500

Tennant Sweepers In Stock, Models 92, 240, 86 Starting At
$3,500



Pettibone Super 6 Forklift, IH gas, 6,000 lb. capacity, 33' lift, good cond.
$11,500



1988 Dresser 100G 688 Hrs., Like Brand New
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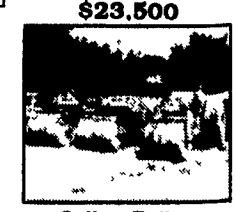
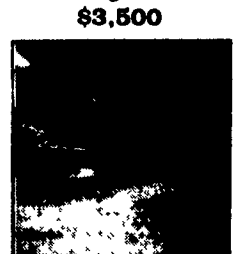


Gallon Rollers (2) 10-14T Tandem Hydrostatic 6 Cyl., IH Gas
$5,850 Ea.



New Custom Trailers In Stock 1¼ Thru 20 Ton
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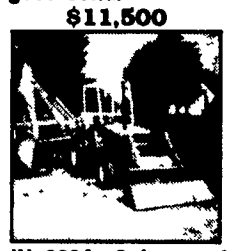
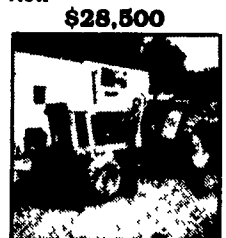
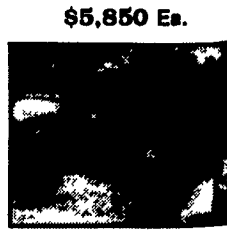


IH 260A, 2 Lever, 4 Cyl. IH Diesel, Runs Good
$8,800



Huber M-700, 4 Cyl., Ford Gas, Front Blade, Hydrostatic
$12,500



Huber F-1700 Grader 6V-53 D.D. Powershift
$11,500

MF 510 Diesel Combine
Hydro, 23.1x26 tires, 1978 Model, 1800 hours, one owner, 4 row narrow corn head, 13' flex table, 13' rigid table, very good condition.

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JD 4640 cab, air, quad, rebuilt engine
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1980 JD 4240 cab, air, quad
JD 4040 quad, cab, air, very nice
JD 2640 w/hi lo, cab, complete engine overhaul and 145 loader
JD 4430 quad w/year round cab, very nice
JD 4230 power shift, cab & air
JD 4230 quad, cab & air
JD 4030 gas, WF, fender tractor
JD 2630 w/hi-lo, very nice
JD 2630 w/reverser, cab, recent overhaul
JD 4320 w/fac. cab
JD 4320, cab and air
JD 4020 diesel, WF, synchro
JD 2020, gas utility w/roll bar
JD 950 diesel, 800 hrs. w/deck
JD 520 3PT, PS, nice & straight
JD 60 SOLD & 3PT
IH 1486, red power, 2600 hrs., cab & air
IH 1086, ROPS
(2) IH 986, cab & air, new TA
IH 986, ROPS
IH 886, fac. cab & air, 3 outlets, radials
IH 686, NF, fast hitch
IH 1566, cab & air, '75 model, rebuilt engine
IH 1466 w/year round cab, nice
IH 1066 fender tractor w/radial tires
IH 1066 year round cab, 3500 hrs.
IH 966 fender tractor, 38" tires
IH 1256 fender tractor
IH 826, German diesel, WF, fast hitch
IH 706 diesel 3 pt.
IH 884 w/2250 loader w/H pattern shift
IH 584 D 15-5-38 tires
IH 254D, 4WD w/deck
Farmall M, WF
Farmall Cub w/Woods belly mower
Case 870 diesel fender tractor
Oliver 1655 diesel, WF
AC D15 gas

Ford 4000D loader, hoe w/3PT & shuttle trans.
JD 450C w/6 way blade

Combines

IH 1460, '79 model, very nice
IH 715 gas hydro w/air
MF 750D, cab, air, hydro
MF 550 diesel, hydro, air, very nice
JD 6600, diesel, air, 1976 model

Uni Systems

NI 709 4W cab w/air, hydro.
NI 702 gas w/cab & air
NI 702 V-6 gas w/cab
NI 813 & 815, flex heads
NI 711, 713 & 715 grain heads
(2) NI 717 combine (1 late model)
NI 767 Super chopper w/3RN and hay head
NI 2, 3 & 4R heads wide or narrow
NI 727 husker

Heads

MF 1163, 6RN
MF 1143 4RN corn head
MF 13' grain head
MF 1183 8RN
(2) IH 863 6RN
(2) IH 820, flex 13'
JD 443, 4RN
JD 343 3RN
JD 643, 6RN, nice
JD 216 flex, nice
JD hay pickup head, 5½'

Implements & Misc.

IH 710 6 bottom auto reset
IH 710 5 bottom auto reset
NH 358 grinder mixer
NH 667 tank spreader
IH 550 spreader
JD 24T baler
NH 1495 self-propelled haybine, 12' w/gas engine, cab & air
IH 234 mounted picker w/husker & sheller, cheap!
Owatonna 345 skid loader
Case 1845C skid loader, diesel, 700 hrs.
Case 1845 B skid loader, diesel
Case 1835 B skid loader, diesel
Cabs for IH 706 thru 1466
Dual wheels - 34's and 38's
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Complete rebuilt M&W Turbo w/kit for IH 856
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JD 1610 pull type spring tooth chisel
11 shank 3PT mtd. DMI chisel

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IH 504 Utility
IH 856 Diesel
IH 706 Diesel
IH 1256
IH 70 hydro
IH 806 Diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 Combine
IH 706 Gas Tractor
Farmall H & M
IH Dual PTO Units
IH 826 Diesel

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* IH 986
IH 574 w/Loader
IH 1086
IH 1466
IH 584
IH 966
IH 3488H
IH 806
* JD 2010
JD 4430, ROPS
JD 4640
JD 4440
JD 8650
JD 8650
JD 8650
JD 4440
JD 4840
MF 65D
MF 65G
MF 20, Gas
MF 1135
Oliver 88
Oliver 550
Case 2590
Case 990 w/#60 Loader
Case 930
ST PT225
ST 251
Farmall A
Farmall F20

DISCS

Ford 230 16'
AC 2300, 17'
BH 24'
JD 220, 17'
JD 235, 23'
* IH 490, 22'
IH 496, 22'
IH 37, 10'
IH 370, 12'
IH 496, 22'
KR 2416
KR 4907, 24½'
SF 29'
SF 24'

TILLAGE

* IH 800 10x18 Plow
White 20' Field Cultivator
MK 6R Cultivator
Lilliston 6R Cultivator
* JD 3x14 Plow
* JD 2350-2450 8x18 Plow
JD 1350-1450 Plow 6x16
JD 1600 Chisel Plow, 20'
JD 145 Plow, 4x16
JD 6R Cultivator
BR 19' S Packer
BR 25 Ft. CF Packer
BR 12' Packer
KR 2905 Subsoiler

MISCELLANEOUS

* FD F-600 Dump Truck
Reynolds 14 Yard Pan
AC 333 Planter
JD 38 Forage Harvester
JD 700 Planter, 8 Row
JD 38 Forage Harvester
JD 66 Blower
JD 680 Manure Spreader
JD 27 15' Shredder
JD 37 Mower Sickle
JD FDR 338 Thrower
NH 27 Blower
NH 791 Manure Spreader
NH 1495H Head
NH 1010 Bale Wagon
NH 499 Mower Conditioner
* IH 440 Baler
IH 990 Mower Conditioner
IH 10 Drill, 18x7
IH 2 Drill Hitch
IH 50 Shredder
IH 60 Shredder
IH 47 Baler w/Thrower
HS SH10 Stacker
100 Gal. Sprayer
FMC 1000 Gal. Tank

COMBINES

CI 1680 4WD
NH TR85
NH TR70
IH 1460
IH 1460
IH 1460
IH 1460
IH 815
IH 915
JD 7720 4WD
JD 8820 4WD
JD 4400
JD 8820 4WD
JD 8820 4WD
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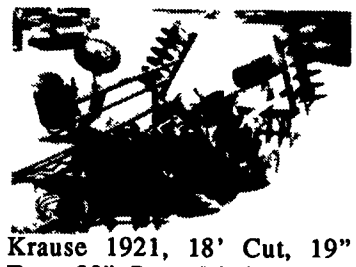
USED TILLAGE

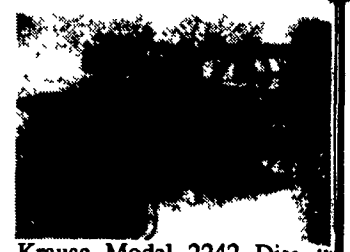
Glencoe 9 Shank Chisel Plow w/ Cyl. & Hose (T5041)

IH 18' Field Cultivator w/2 Row Tine Harrow (T5046)

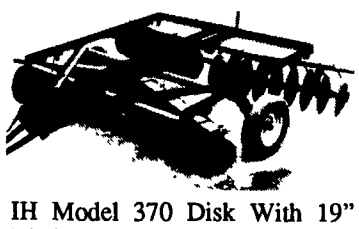
JD 7000 Planter Conservation Disc, Seed Monitor (V5200)



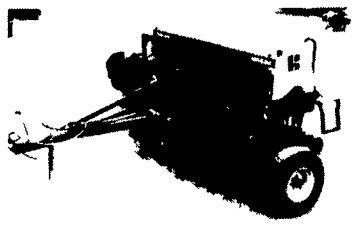
Krause 1921, 18' Cut, 19" Front-20" Rear Blades, Rear Hitch (T4887)



Krause Model 2242 Disc, 12' Cut, 19" Front-20" Rear Blades (T4986)

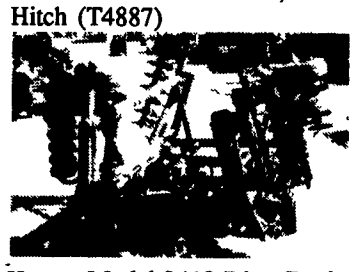


IH Model 370 Disk With 19" Blades (T5083)

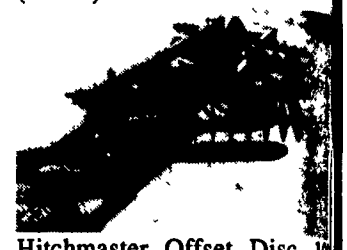


Krause 5210 No-Till Drill, 10' 7" Spacing (V4545)

White 5400 Air Planter, 6 Row - 30" No-Till, Monitor (V3676)

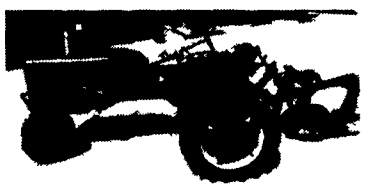


Krause Model 2413 Disc, Rock-Flex, Needs Repair (T5107)

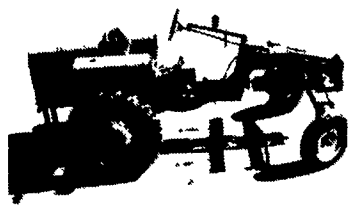


Hitchmaster Offset Disc, 10' Cut, Hyd. Hose & Cyl., 21" Rear, 20" Front Blades (T4979)

USED TRACTORS



AC Model CA Tractor, 2 BT Plow, 6' Sickle Bar Mower, (W5175)



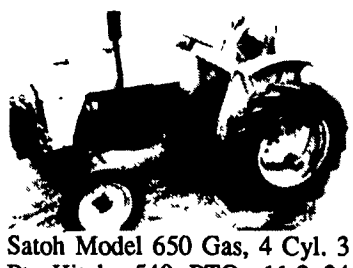
Hefty Model G Rear Engine Tractor w/Hyd. (W4546)

IH Model 3488, 6 Cyl. Diesel, Hydro, 540/1000 PTO, 3 Pt. Hitch, 3 Rear Remotes, 18.4x38 Tires (W5222)

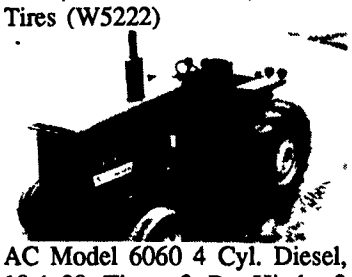
Great Plains 12' No-Till Drill (V4607)

Krause 2416 Disk, 26' (T469

Case 1816C Skid Loader w/44" Utility Bucket, 150 Hours (W4949)



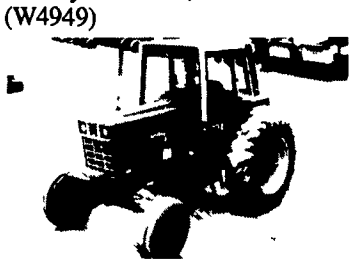
Satoh Model 650 Gas, 4 Cyl. 3 Pt. Hitch, 540 PTO, 11.2x24 Tires (W5020)



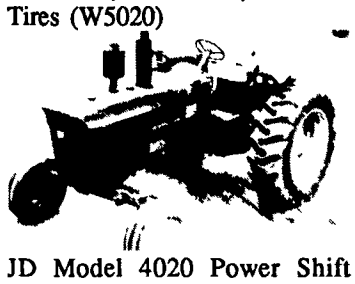
AC Model 6060 4 Cyl. Diesel, 18.4x28 Tires, 3 Pt. Hitch, 2 Remotes, 2060 Hrs. (W4946)

IH 986 With 3399 Hrs., 3 Pt. Hitch, 18.4x38 Tires, 1000/540 PTO (W5089)

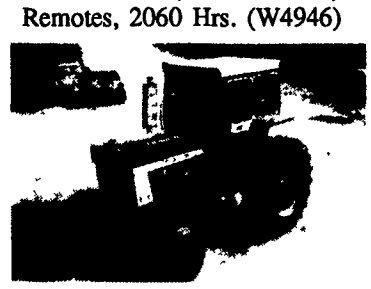
IH 1480 Combine With 2 Hrs., Needs Uptime Servi (U5082)



IH 1086 Diesel, 5323 Hrs., 1000/540 PTO, 3 Pt. Hitch, 20.8x38 Tires, 2 Remotes (W5072)



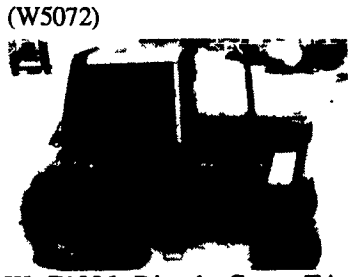
JD Model 4020 Power Shift 5915 Hrs., 18.4x34 Tires, 1 Remote, 3 Pt. Hitch, Diesel Engine (W5043)



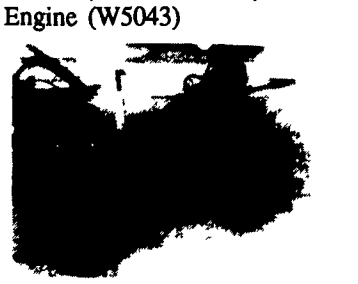
IH 966 Diesel Tractor, 18.4x38, 5787 Hrs., 1000/540 PTO, 3 Pt. Hitch, 2 Remotes (W4945)

IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10.00x16 & 20.8x38 Tires, Cab (W4038)

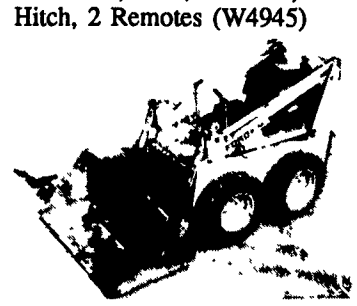
New Idea 705 Diesel Gear w/7' Combine 13' Platform, 7' Cornhead (U3558)



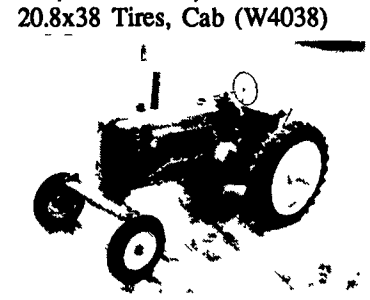
IH F1086 Diesel, Gear, TA, 18.4x38, New Tires, 3600 HRS. (W3500)



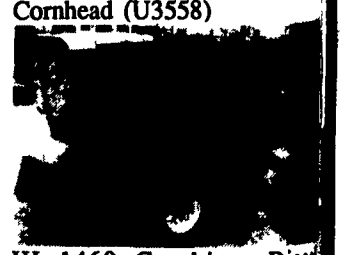
AC Model B, Gas, Gear, 540 PTO, 11.2x24 Tires (W3275)



Ford CL-30 Skid Loader, 30 HP, Wisconsin Engine (W4585)

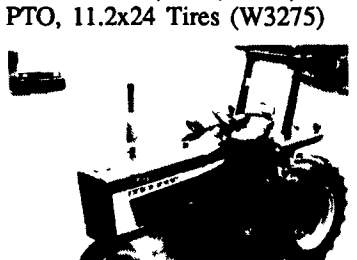


JD Model A, 540 PTO, 2 Cyl. Gas, 11.2x38 Tires (W5018)



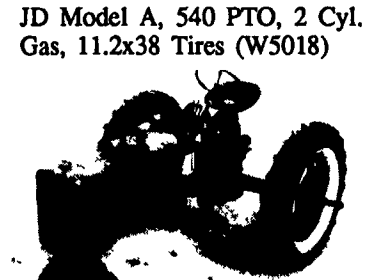
IH 1460 Combine, Diesel Hydro, Cab, 28Lx26 Tires (U3539)

IH 5088 Tractor, 6 Cylinder Diesel, With Turbo (W4884)

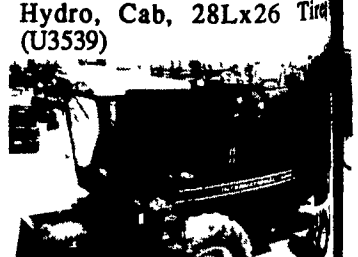


IH 706 Tractor, Narrow Front, Gas, 18.4x34 Tires (W4312)

IH 5088 Tractor, 6 Cylinder Diesel With Turbo (W4601)



IH Farmall C, Belt Pulley, 11.2x36 (W4547)



IH 1460 Combine (U4630)

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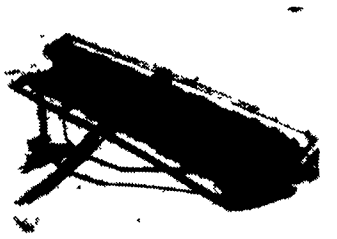
11' Packer With Smooth Rollers (T5015)

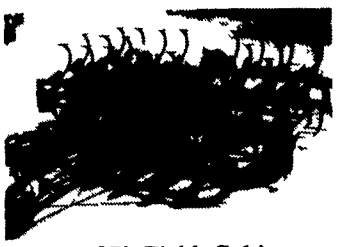
JD 7000 Planter With Markers, 8 Row Folding (V4975)

Model 475 IH Disk, 12' Cut (T5114)



Brillion 10' Packer (T5218)

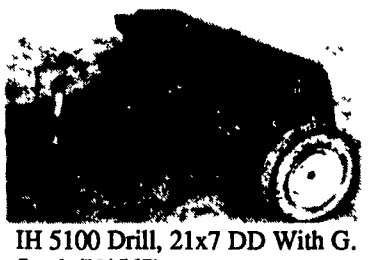
Krause 1924 Disc, All New Blades (T5135)



Kewanee 27' Field Cultivators Flatfold, New Shovels, 3 Row Tine Harrow (T5167)

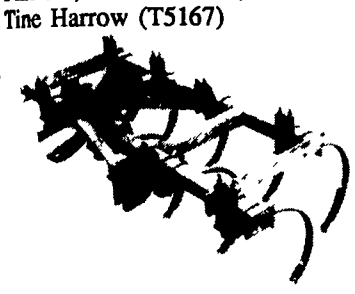
Dunham 22' Packer, Hyd. Fold, 18" Knotched Wheels, Dual Wheels (T5143)

Krause 2416 Disc, 26' (T4588)

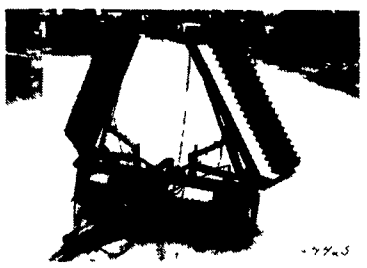


IH 5100 Drill, 21x7 DD With G. Seed (V4567)

IH 5100 Drill, 21x7, Stainless Steel Attach., Single Disk, Fertilizer Compartment (V4955)



Athens Chisel Plow, 3 Point Hitch, 9 Shank, 2 rank (T4108)

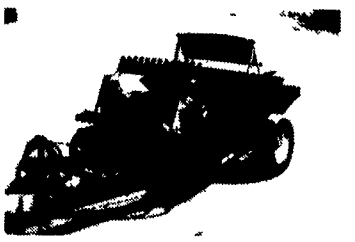


Brillion 23' Wing Cultipacker, 18" Solid Wheels (T4425)

USED MISCELLANEOUS

NH Model 28 Blower, Like New (U5225)

NH Model 315 Baler With Bale Chute (U5178)

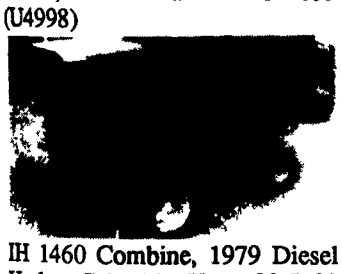


Westco Rockpicker, Hydr. Reel, Hydr. Dump & Lift (U5067)

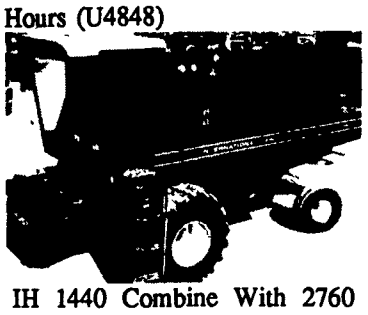
SED COMBINES

Int. 815 Combine, Diesel Engine, 6 Cylinder, 23.1x26 Tires, Fan Alarm Monitor (U4998)

IH 1660 Combine With 1505 Hours (U4848)

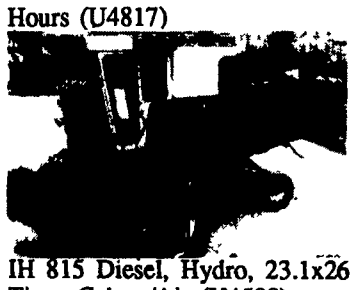


IH 1460 Combine, 1979 Diesel Hydro, Cab, Air, Heat, 30.5x32 Drive Tires (U3076)

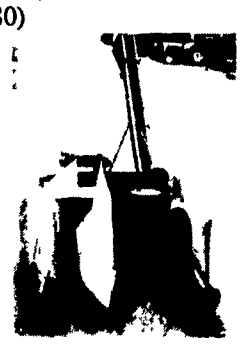


IH 1440 Combine With 2760 Hours (U4817)

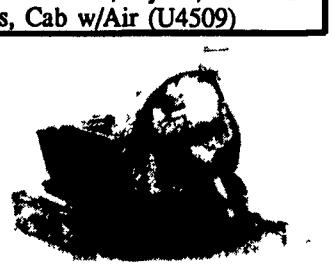
IH 715 Diesel, Gear, 18.4x26 Tires (U3080)



IH 815 Diesel, Hydro, 23.1x26 Tires, Cab w/Air (U4509)



NI 323 Picker, 1 Row 540 RPM PTO (U4166)

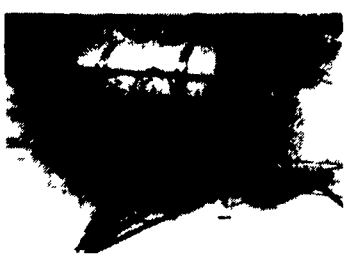


Fox Blower, 54" (U3955)

200 Gallon Sprayer, 10 Row Boom, PTO Pump (V5179)

IH Fast Hitch Model 100 Mower (U5212)

Parker 26' Dump Trailer (V5210)

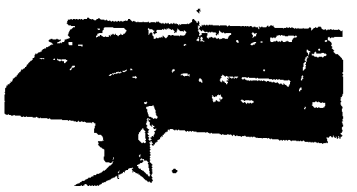


John Blue 300 Gallon Sprayer, 30' Boom, Ground Drive Pump, PTO, Pump-Agitation (V4123)

Century 500 Gallon Sprayer, 35' Boom, PTO Centrifugal Pump (V3361)

NH Model 847 Round Baler, 540 PTO, Cyl. & Hose (U4987)

Great Plains Drill Hitch, Pull Type (V4330)



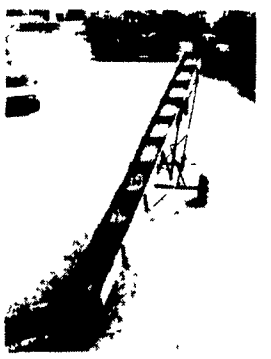
Model 1310 Rhino Model 13', 1000 PRM/PTO, Cyl. (U4740)

IH 3204 Disc Mower, 5' Cut, 540 PTO (U4544)

Model 47 IH Baler With #10 Thrower (U4491)

Fox Model 656 Blower (U4281)

Farmec 30' Elevator With Transport (V4380)



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235 4 WD	275 4 WD
245 2 WD	385 2 WD
245 4 WD	585 2 WD
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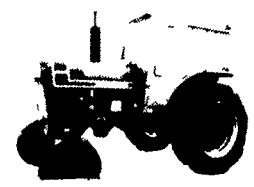

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We have clutches available for most all IH tractors; including many heavier than original. We also have clutches for many other brands.

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IH 966, 1468, 1566	IH 1066, IH 340, IH 986
IH 416, 460, 706, 806	IH 915 Combine
IH 404 986, 884, 826	JD 6620 Sidehill

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IH 3088 ROPS, excellent condition, 1984 model $14,500
IH 2250 loader w/84 series mounts, good condition
IH 1086 C/A 20x38" radials, good condition
IH 786 diesel 3100 hours, good condition
JD model 302 industrial tractor w/146 loader, 3 pt. and ROPS, 42 HP
Oliver 1600 diesel, wide front end, good condition, 4000 hours
IH 806 diesel, wide front end, 3 PT, good condition
IH 766 diesel w/cab, wide front end 2 pt. hitch, 4100 hours, very nice
JD 4320 factory rollguard cab, very good condition
JD 730 diesel, elec. start, wide front; 3 pt. needs engine work
IH 1850 loader, fits 574
JD 346 baler, wire tie w/new hydraulic kicker
IH 784 diesel 18x30 tires, 3000 hours, good condition
IH model 720, 5x18" toggle trip plow, used under 200 acres
IH 450 gas w/1701 loader
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Looks identical to factory axle
Buy new for the price of used
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1973 JD 4400 diesel w/13' floating head, 1800 hours, super clean, always shedded
Gleaner 6 row narrow corn head to fit N6 or N7 combine, like new
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JD 6600 Gas, variable speed very nice condition
Model 213 flexhead (2 JD - 13' floating bar heads)
702 Unisystem w/737 Husker
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MF 510 diesel, belt, c/a, real nice shape

AVAILABLE AND NEW
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'89 JD 9500 Maximizer, 547 hrs., like new
JD 6600 Level Land, diesel, hydro, good
JD 6600 Level Land, diesel, rotary screen, good condition
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MF 760 Hydro, 1163 CH, 15' platform, $16,500, very good
(2) MF 410 w/cab, platform, $3,500 each
MF 510, cab, dsl., platform, $3,500
NH 975 w/platform, cab, $2,500
AC L630 corn head, excellent, $4,500
(2) MF 44 corn heads, $1,500 & $2,500
(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 443 corn head, good condition
JD 215 rigid platform
JD 215 flex platform, good

TRACTORS

JD 4040, 90 h.p., QR, very good
JD 4020, diesel, WF, SR, good
JD 2440, 60 h.p. reverser trans w/146 loader, very good
JD 1010, 3 pt., WF, good cond
JD 850, MFWD, 400 hrs., like new
JD 40, 3 pt., good cond., $2,500
JD 50, good. $1,800
JD A, $1,200
(2) IH Farmall BN, choice $800
IH 856, 100 h p , cab, 20 8x38 tires, excellent
IH 574 diesel, RG, sharp
Ferguson 40, 3 pt , WF, overhauled... $2,500

MISC.

JD 3960 forage harvester, good condition
NH 310 baler w 70 thrower, excellent, $5,500
JD 716 forage wagon, $5,800
12' Dunham Lehr, very good, $4,500
IH 56 planter, 4 row, dry, $1,200
AC 600 planter dry 4 row, $1,800
40) various used lawn tractors

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45 h p 2155
55 h p 2355
85 h p 2955 w SGB
85 h p 2955 4 post RG
95 h p 3155, SGB MFWD
140 h p 4455 SGB 2 whl
Special Financing

12' - 5000# & 12' 7,000#
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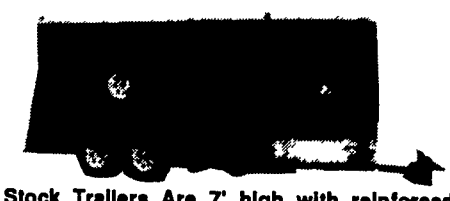
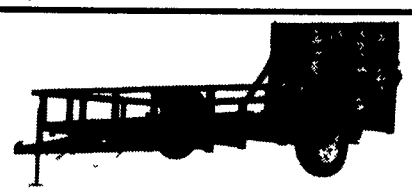


Stock Trailers Are 7' high with reinforced fiberglass roofs



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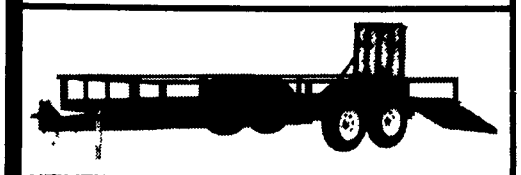
Also Available in 4x8 1500 lb. GVW 8" Tire



UTILITY - AVAILABLE SIZES: LENGTH: 12 to 20 feet
WIDTH: 76 to 81 inches, GVW: 7,000-12,000 lbs.

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FLAT BED 2-5/16" coupler, and self storing 80" long ramps. AVAILABLE SIZES: LENGTH 14 to 18 feet, WIDTH: 76 to 81 inches, GVW: 8,000 lbs.,

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- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
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DEALERS WANTED
Financing Available

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6x10 - 7000#
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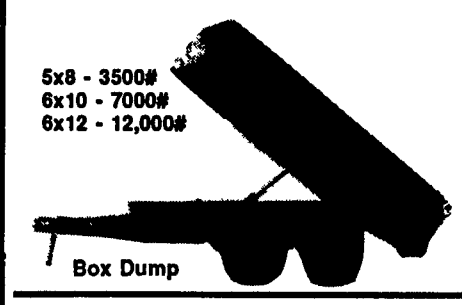
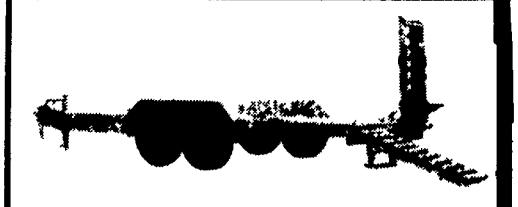
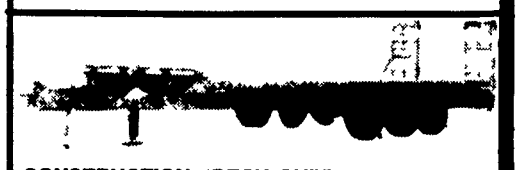


Box Dump



CONSTRUCTION (LOW DECK) - AVAILABLE SIZES: LENGTH 14'-20'; WIDTH 76"-81". GVW. 8,000-12,000 lbs

GOOSENECK TRAILERS - AVAILABLE SIZES: LENGTH: 20 to 28 feet, GVW: 12,000-20,000 lbs., WIDTH: 8'.



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NI #17 manure spreader $525
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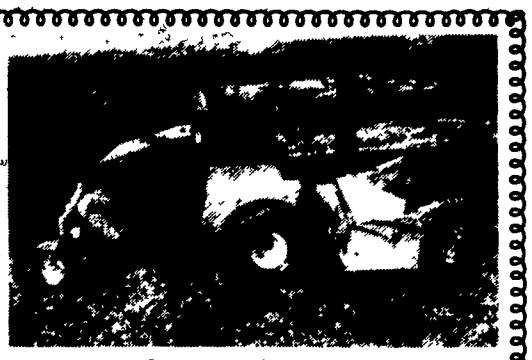

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JD 2520 Gas Row Crop
JD 4040 D, Fender Tractor, QR
JD 2640 D, Hi-Lo, Ind. PTO With or Without 145 Loader w/Valve
JD 2640 Dsl., Hi-Lo Ind. PTO, Very Nice
JD 1530 D, Hi-Lo, 1300 Hours, 145 Loader, Excellent Condition
JD 3020 Dsl. Side Console WF, Syncro Range
JD 620 3PT, Power Steering w/45 Ldr. & Hyd. Bucket
IH 986 Dsl., Cab & Air, 38" Rubber
IH 230 w/Fast Hitch
1981 MF 2705 Dsl., Cab & Air, 24 Spd. Power Shift, Low Hours, Very Nice

HAY EQUIPMENT

JD 5440 Self-Propelled Harvester, Cab, Air, 4WD, Very Nice
JD 3960 Harvester w/Electrical Controls, Very Good
JD 530 Round Baler, Very Nice
JD 483 4RN Forage Head
JD 4[SOLD]und Baler, Very Nice
JD 346 Wire Tie w/30 Ejector, Excellent Cond.
JD 336 baler w/30 ejector
JD 337 Baler w/Ejector
NH 892[SOLD]arvester Electric Controls, 3RN & Pick Up Head
NH 849 Round Baler, Like New
NH 847 Round Baler
NH 770 harvester w/2RN cornhead
NH 499 Hydro Swing Haybine, Hydraulic Tilt, Very Nice
NH 479 9' Haybine
NH 477 7' Haybine
NH 326 Baler w/or Without Thrower
NH 311 Baler w/70 Thrower
NH 495 12' Haybine
NH 472 7' Haybine, Cut 50 Acres, Excellent
NH 258 Rake w/Rubber Teeth
New Farmco 18' Steel Side Hay Wagons
NH 75 Hyd. Bale Thrower
NH 36 Flail Chopper, Good Condition
JD D[SOLD]Cut Head To Fit 3800's To 3960's
JD 1327 Disc Mower, Like New
JD 3800 Harvester w/Choice of Heads, Elec. & Hyd. Controls, Very Nice
JD 1209 Mower Conditioner, Late Model
JD 35 Harvester w/Corn Head
Gehl High Throw Blower with Pipe

GRINDER MIXERS

NH 353 [SOLD]er Mixer, Very Good
NH 3[SOLD]yd. Drive
NH 358 Grinder Mixer, With Scales
Gehl 65[SOLD]der Mixer

Cultivators:
8 3PT 4 & 6 Rows
To Choose From.

COMBINES
(Displayed Inside Building)

1981 JD 4420 Dsl., Cab & Air, 1100 Hrs., Fully Equipped, Very Nice [SOLD]
1983 JD 6620 Dsl., Hydro, 1000 Hrs., Fully Equipped, 1 Owner, Excel. Cond.
1982 JD 6620 Side Hill, Cab & Air, Hydrostatic, 1200 Hrs., Very Nice
JD 6620 Dsl., Hydro., 1800 Hrs., Fully Equipped, One Owner, Very Nice
MF 750 Dsl., Cab & Air, Very Nice Machine
MF 540 Cab & Air, 23" Rubber, Never Used, $24,500
1982 MF 550 Dsl., Cab & Air, 23" Rubber, w/13' Flex Head, Excellent Cond.
JD 4425 Dsl., Cab & Air, 220 Hrs., Fully Equipped, 1 Owner, Excel. Cond., Choice of Heads [SOLD]
1979 JD 4400 Dsl., Cab & Air, 1150 Hrs., Fully Equipped, Excel. Cond. [SOLD]
1981 JD 4420 Dsl., Cab & Air, 2000 Hrs., 23" Rubber, Fully Equipped, Very Good
1976 JD 3300 Dsl., Cab & Air, Choice of Heads, Very Nice
JD 3300 Gas Rotary Screen, Very Nice
1981 Gleaner F-2 Dsl., Cab & Air, 23" Rubber, 700 Hrs., Very Nice
1976 Gleaner F Dsl., Cab & Air, w/13' Grain Table
Gleaner F Dsl. w/Cab, 13' Head, Excellent Cond. [SOLD]
JD 213 and 216 Rigid Head
MF 13' Rigid & Flex Platform
IH 810 13' Grain Platform
JD 213, 215 & 216 Flex Head
IH 820 13' Flex Head

CORN HEADS

1989 JD 443 Corn Head, Used On 50 Acres
JD 443 Oil Bath
AC 430 Corn Head
JD 244, 2RW
JD 343, 3RN
JD 443, 4RN
JD 444, 4RW
JD 643 6RN
IH 844, 4RW
IH 863 6RN
MF 1143 Corn Head
MF 1163
AC 438 Black 4RW

MISCELLANEOUS EQUIPMENT

JD RM 6R Cultivator, 3PT
JD RM 4R Cultivator, 3PT
18x38-18x34 Duals
JD Roll Guard w/Metal Enclosure For JD Utility Tractor
JD 145 Loader
Cab to Fit IH 666 & 686 Tractor
NH 213 100 Bushel PTO Spreader, Very Good
JD 245 Quick-Tach Loader
Farmhand Quick Tach Loader to Fit JD 2510 thru 4440, Like New
Case IH 50 Stalk Shredder, Used on 50 Acres
Woods 5' Pull Type Rotary Mower
IH #60 Stalk Shredder, Very Nice

We have lease financing available for above equipment

PLANTING EQUIPMENT

JD 7200 4R Cons., Dry Fert., Fully Equipped, Like New
JD 7000 6 Row No-Till Liq. Fert., Insect. & Monitor
JD 7000 6R 30 Consv., Liq. Fert., Frame Mtd. Coulters, Monitor & Markers
JD 494A 4 Row, Dry Fert., Disc Openers, Excel. Cond.
IH 5100 18x7 Double Disc Grain Drill w/Grass Seed
IH 5100 Grain Drill, 18x7 w/Press Wheels
Brillion 8' Grass Seeder w/Transport Double Box

PLOWS

IH 155 4 Base Roll-Over On-Land Hitch
IH 720 5x20 Spring Reset
IH 710 6x16 Spring Trip Onland Hitch
JD 8450 4 Base Roll-Over
JD 4200 3 & 4 Base Roll-Over
JD 2450 5x18 On-Land Hitch
JD 1450 5x16
White 588 6x18 Spring Reset, Variable Width, On-Land Hitch

CORN PICKERS

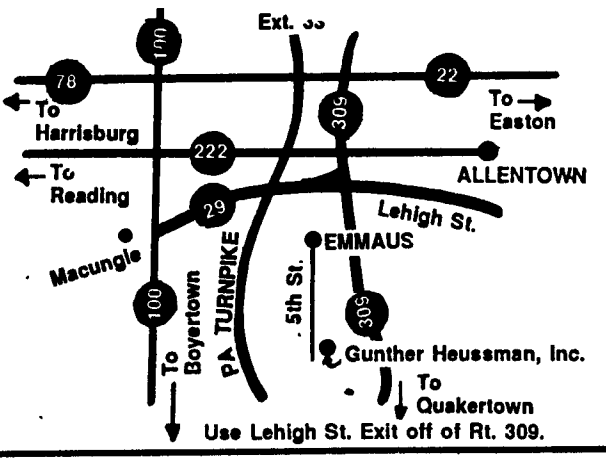
NI 327 Husking Bed to Fit 2R Pull Type
NI 324 2RW 12 Roll Husking Bed, Very Nice
NI 323 1R Corn Picker

NEW ARRIVALS

NH 8[SOLD]und Baler
1983 JD 4420 Dsl., Cab & Air, 23" Rubber, 1000 Hours, Fully Equipped, Very Nice
Gleaner K-2 Gas, Cab & Air, 10' Grain Platform, Local Trade
1978 JD 6600 Sidehill, Cab & Air, Hydro, Very Nice
IH 475 14' Disc Harrow
JD 346T Baler w/30 Ejector
NH 770 Harvester w/2 Row Head and Pickup, 540 PTO, Electric Controls
NH 489 9' Haybine

TILLAGE

JD 340 12' Offset Disc, Like New
Neimeyer 10' Power Harrow, Excel. Condition
Amco 1[SOLD]dro. Wingfold Rock Flex Disc



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1 FARM EQUIPMENT

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NH 273 w/Thrower, $1,750
NH 315 Super Sweep, $1,900
NH 310 w/Chute
NH 275 Super Sweep w/ Chute, $1,275
JD 214T w/Chute, $950
IH 430 w/Thrower, $800

Hay Rakes

JD 440 Rubber Teeth w/ Dolly Wheel $1,195
NI 4-bar rake and tedder on low rubber $150
Farm Hand Wheel Rake, $175

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Grimm Tedder 7', PTO $875
AC 600, 4 row air champ no till w/ monitor $775
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Farmall 350 tractor w/PS & fast hitch $1,750
8x18 Thrower Wagon, $495
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IH 1066D Cab
IH 606D
IH 584 dsl., 1200 hrs.
F 544D Hydro
F 460 G
F 300 Gas w/Ldr.
F 300 Gas
IH 235D
Farmall M
Farmall MD
Farmall Super H
Farmall Cub w/belly mower and equipment (2)
Farmall BN
AC B w/Woods Belly Mower
Case 1737 Skid Loader
JD 47 Loader
IH 33 Power Lift Loader
Tye 8x10 No-Till Drill
IH 510 16x7 DD Drill
(2) IH 350 10' Disc
IH 46 Baler w/loader
IH 540 spreader hyd. endgate
NI 214 spreader
TS 6 ton bin wagon
IH 1050 grinder mixer
Artsway 423 grinder mixer
NH 27 blower Whirly 540 rpm
NH 56 rake
PTO hyd. roll mill
Killbros 8 ton bin wagon
(2) 18' Bale King Wagons
36' Zimmerman Elevator

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Bale forks - Worksaver
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Disc - Amco 10½'
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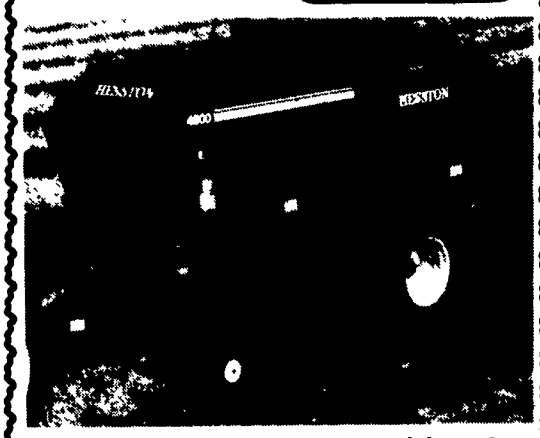

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White 2-45 Tractor
JD 400 w/60" Deck
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Ford 1310 2WD, PS, Live PTO, 5 Hrs.
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JD 4x16 Semi-Mount Plow
Glencoe 9' Pull Type Chisel Plow
Ford 10' 3PT Chisel Plow
New NH 474 7' Haybine
NH 320 Baler w/Thrower
New Ford 905 Post Hole Digger
JD 346 Baler w/Kicker
(2) Ford 532 Balers
JD 1240 4 Row Corn Planter
NH 489 Haybine

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970 MFWD
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JD 875 Cultivator 6-30
JD Wagons 1075, 770

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JD 3970 Harvester
JD 3950 Harvester

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JD 7240 6RN

Balers
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JD 348
JD 335
JD 435

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JD 1219

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JD 1008
JD 709

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JD 175
JD 146
JD 95 Blade
JD 65 Blade

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USED
9400 JD Combine w/ 643 Head
JD 3960 Harvester
JD 7000 Planter, 4RN & 6RN, Liquid
JD 3950
JD 336 Baler w/30 Ejector
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(2) Hay Wagons
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NH 791 Spreader
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JD 2750 Tractor

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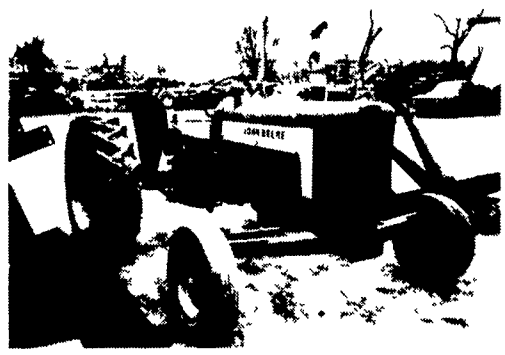

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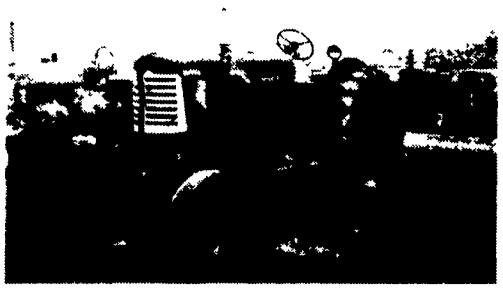

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(2) Ford 8N- 1 Has 400 Hours
Ford 541- HI-Crop Offset
Farmall 560- 1500 Hours
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Oliver 1550 HI Crop
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Oliver Super 77 HI Crop
(2) Oliver 60
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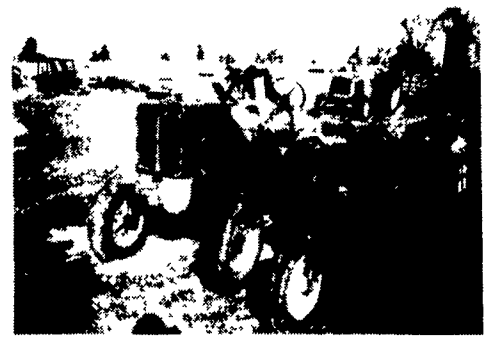

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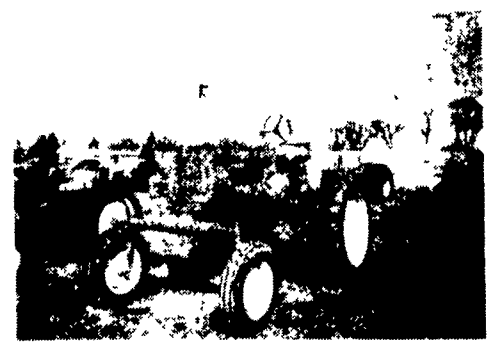

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JD 7200 4R30, Frame Coulters, Dry Fert., Insect., Monitor $10,900

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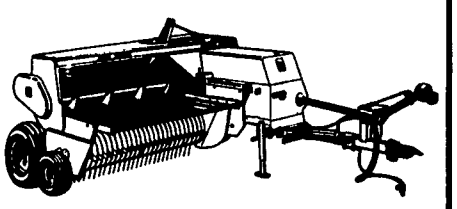

JD 336 Baler w/JD 30 Ejector .. $ 4,750

JD 337 Baler w/JD 30 Ejector .. $ 7,950

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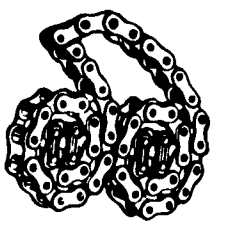

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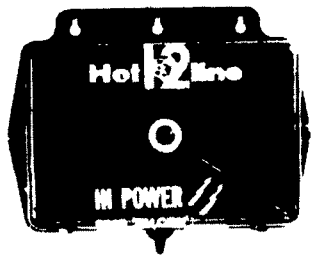

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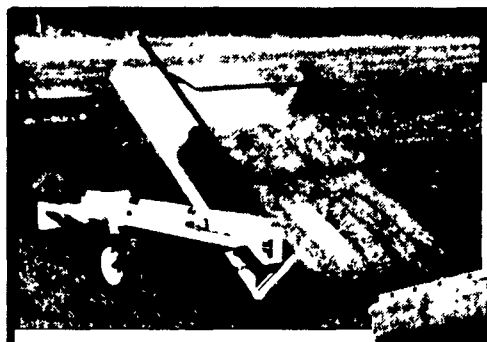

ONE MAN BALE HANDLING SYSTEM

10 BALE ACCUMULATOR
Holds ten bales on edge bales hold tight and hydraulically unloads Simple pivoting arm loads 2 bales at a time on edge Bale length adjusts from 38" to 50" loads both 14 ' x 18" and 16" x 18" bales When loaded it automatically raises to 45° hold down bars release and even high moisture bales unload

10 BALE FORK
Reversible side bar makes loading 10 bales fast and easy
Forged steel hooks and replaceable bushings increase fork life

QUALITY HOELSCHER HAY EQUIPMENT

FOR AUTOMATIC BALE WAGONS
12 15 or 18 bale forks to match your automatic stack wagon Outside rows have extra hooks to facilitate pick up

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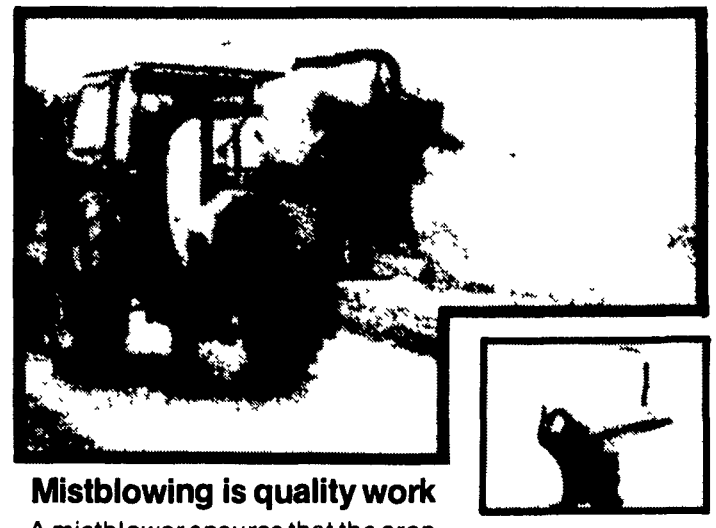
HARDI Mistblowers ...performance

HARDI - The World Leader
Quality assurance - all components are manufactured in-house with state of the art production equipment.



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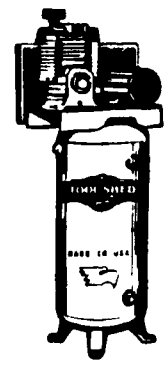

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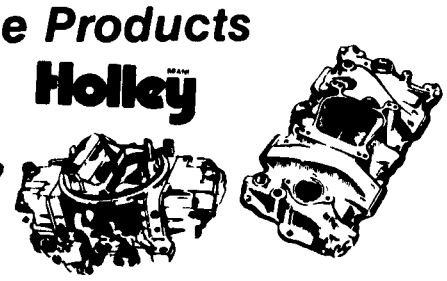

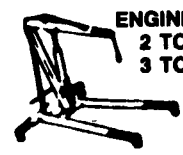

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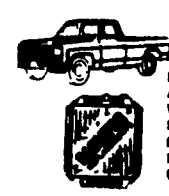

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RADIATORS & HEATER CORES POPULAR UNITS RADS $70.00 UP
CORES - $27.00

USED EQUIPMENT

Stock #	
	TRACTORS & BACKHOES
UA0083	Ford 555 Tractor-Loader-Backhoe, No Cab
	Case 780 Tractor-Loader-Backhoe w/Cab
	HAY EQUIPMENT
	NH 411 Discbine - 1 Yr. Old - Cut Approx. 180 Acres - Like New!
UB0283	NH 489 Haybine
UB0286	NH 479 Haybine
UB0278	NH 479 Haybine
	NH 499 Hydraswing Haybine
	NH 320 Baler w/Thrower & Elec. Controls
UB0287	NH 326 Baler with 1/4 Turn Chute
UB0284	Hesston 5600 Round Baler
UB0282	NH 1010 Automatic Bale Wagon
	FORAGE EQUIPMENT
	NH 770 Forage Harvester w/Heads
	NH 890 Forage Harvester
UB0213	NH 890 N-2 2-Row 30" Cornhead
UB0214	NH 880W Hay Pickup Head
UB0222	NH 27 Forage Harvester
UB0274	IH 56 Forage Harvester
	Int. 720 Harvester w/2 Heads
	MANURE SPREADERS
	NH 307 Manure Spreader w/Fishbowl Sides
UC0077	NI 218 (300 Bu.) Manure Spreader w/Top Beater and End Gate
	EQUIPMENT COMING IN...
	NH 1495 Planetary Drive, Partial Cab

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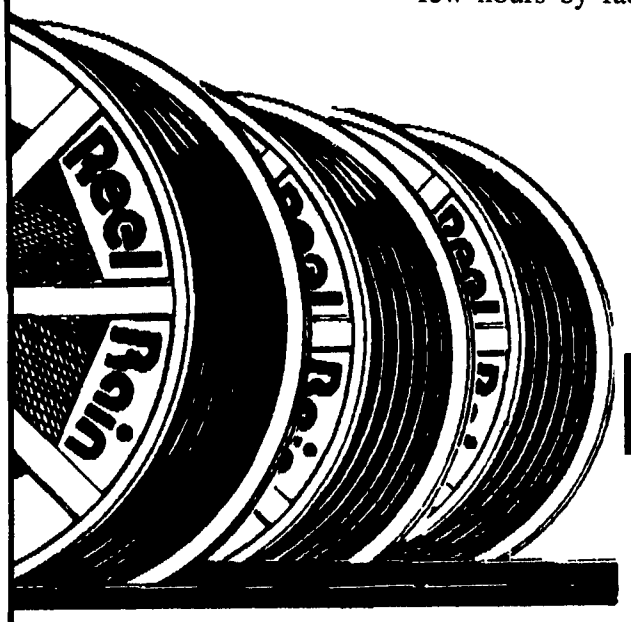

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NH 975 Combine w/2 Heads
NH TR-70 Combine w/2 Heads
NH TR86
Gleaner Combine w/2 Heads

USED INDUSTRIAL TRACTORS

Ford 455 TLB w/Extenda Hoe 2 Lever 74 Hrs.
Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 199 Hrs. 16.9-28
Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 955 Hrs. 24" Bucket
Ford 5550 Cab 17 Ft. Hoe 4 Lever 4 In One Bucket
Ford 4500 TLB
Ford 3550 TL w/Torque Converter
JD 410 Sliding Backhoe
Ford 555A TLB w/Rops, Nice
JD 450 Dozer, 6 Way Blade
Dresser TD7C, Dozer, w/Rops

SKID LOADERS

Ford CL45 Diesel
BC 730 Bobcat w/Power Forks And Bucket, Wisconsin Gas
Bobcat 700

TILLAGE

Ford Demo Soil Saver 9 Teeth
New Wirlch 10 Tooth Chisel, 3 Pt.
MF 4 Bot. Semi-Mount

MISCELLANEOUS

Ford 702 Dozer Blade F/11-1200 Ford
Woods Mower 72" Belly Mtd. For 1910 Ford
NH Grinder Mixer 358
JD 494 A Corn Planter, 4 Row
AC DD Drill
NH 700 Manure Spreader, PTO
NH 512 PTO Manure Spreader
Woods 3 Pt. 72" Rotary
NH 329 Manure Spreader

HAY & FORAGE

NH 489 Haybine
NH 310 Baler w/Thrower
MF 200 Harvestor w/2 Row Wide Head
NH 717 Harvester w/Grass Head
NH 38 Crop Chopper
NH 1469 H 9' Haybine
NI 325 2 Row Corn Sheller
NH 283 Baler w/Thrower
NH 283 Baler w/Thrower
NH 467 Haybine, 7'
NH 499 Pivot Tongue Haybine
NH 488 Haybine

USED TRACTORS

Kubota Hydro Drive- 4 WD M 7100 Mower & Snow Plow
Ford 1310 4 WD- WPS With Loader- 470 Hours
Ford 1210 Hydro w/Mower Low Hours (Excellent), 4WD
Ford 6600 Diesel Dual Power Royal Cab, Weights Front & Rear 2 Remotes
Ford 7710 Diesel 4WD Cab w/Air Wts. 2 Remotes
Ford 8N & 9N Tractors
Ford 9000 w/Cab (Nice)
Ford 1310 4WD Gear Low Hours, Exc.
Ford 5000 Diesel 8 Speed
Ford 6600 Dsl., 8 Spd. w/Dual Power
Ford 1510 4WD w/Loader, Excellent
Kubota L210 Tractor, Dsl.
AC Model B w/Cultivator
JD 2020 Gas w/Loader
Ford 4610, 4WD, w/Loader, 118 Hrs., Excellent

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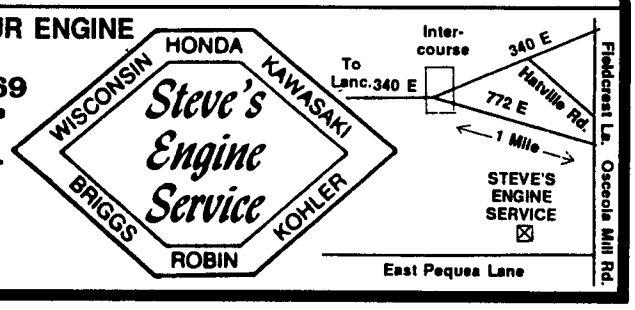

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FINCH SERVICES, HANOVER, INC.
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SALE FOR NEW BRILLION EQUIPMENT

STS81 14' Wing Cultivator $2,200

TRACTORS

JD 4250 MFWD, PS, SGB w/280 Ldr.
JD 4250 MFWD, PS, SGB
JD 4030
JD 750 w/60" mower
IH 1066 Cab
IH 460
IH 300
Kubota B7100 4WD
Kubota L3750 w/loader
AC model C w/attachments
Ford 9N w/loader

COMBINES

JD 6620 SH — JD 216 Flex
JD 6620 SH — 13' Quicktach
JD 6600 LL — (2) JD 213 Rigid
JD 4400 — JD 643
JD 215 Flex — JD 643
JD 215 Flex — (2) JD 444

TILLAGE

JD 925 10' Roller Harrow
JD 950 12' Roller Harrow
JD Killifer Disk
JD KBA Disk
JD RWA Disk
Dunham 10' Cultpk
Brillion STS101 Spr. Tooth Harrow
Brady 12' Chisel Plow
JD F125 4 btm.
Massey Harris 1 Btm. Plow
(2) 2 Row 3 Pt. Cultv.
(2) IH 8' Disks

MOWERS

Woods M72 3 pt.
JD 27 Flail Mower
Covingto 5 ft. 3 pt.

MISC.

JD 300 Husker w/2 Row Head
BC 165 Bu. Gravity Box w/gear
Westendorf Loader For JD 1530, 2020, 2030, 2040, 2240

PLANTERS

JD 7000 6R w/dry fert.
JD 7000 6R w/lq. fert.
AC 500 4 row notill

BALERS

(2) JD 346 w/ejt.
(3) JD 336 w/ejt.
(2) JD 224 w/ejt.
JD 24T w/ejt.
JD 24T
JD 14T w/ejt.
NH 273

HAYBINES

(3) JD 1219
(2) JD 1209
Vicon Discbine
NH 489
NH 495 w/Transport
MF 81

CHUCK WAGONS

JD 115
Papec
(3) IH 120
(2) IH 51

HARVESTERS

NH 897 w/pickup 2R & 3R
JD 1R head
JD 2R head

GRAIN DRILLS

JD FBB 15x7 w/grass seeder
JD 8300 18x7 w/grass seeder & double disc

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IH 3588 2+2, $16,000
Rhino 118 16' rock flex wing fold disc $7,000
Rhino 890 7 shank coulter chisel, $4,500
Haines stone picker, boom type show and rotary front included, $6,500
Vicon power harrow, $1,500
46x70 Q-hut building, new, never erected, $7,500

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Norm Shores & Son Tractor

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Delivery Available

USED TRACTORS

Ford TW20 cab, air, 2100 hrs., excel. condition SOLD
Ford 8700 cab, air, 3100 hrs., excel. condition
Ford TW30, cab, air, 4WD, 20.8x38 tires, dual power, very nice
Ford TW15, 4WD, Cab, air, weights, fully equipped, 1350 hrs., excellent
Ford 7770 Dsl., Non cab, 1980, blue power special, fully euqipped, very nice
Ford 7710 4WD, cab & air, fully equipped, excellent, w/Ford 7410 loader
Ford 7000 Dsl. all purpose, dual power, dual remotes, very nice
Ford 7000 Dsl., dual power, flatdeck model w/cab, excellent
Ford 5000 dsl., 8 spd. flat deck model good cond. local trade, nice cond.
Ford 5000 dsl., w/dual power & cab
Ford 6600 dsl. all purpose, dual power, dual PTO's, 38" tires, good cond.
Ford 6600 Dsl., 8 spd., 38" tires & weight
Ford 5000 1970 Diesel, 8 spd.
Ford 5000 Gas, 8 spd.
Ford 4000 Dsl., 8 spd, flatdeck model w/new tires, nice cond.
Ford 3000 dsl., 8 spd., w/Ford loader and rear weights, very nice
Ford 860, 5 spd. live PTO, excel.
Ford 601 Gas 4 spd. Power steering
Ford 601 Gas, w/PS, Ford all hyd. front end loader
Ford 4000 dsl. 8 spd. 2 remotes, weights and Ford Loader
Ford NAA Jubilee, very nice
JD 4320 w/cab, 38" tires, 3500 actual hrs., very nice
JD 4020, side console, dsl., power shift, w/cab and weights
JD 3020 dsl., wf, syncro range, original and nice
JD 2750, 1986 mod. 1300 hrs., w/JD 146 loader, excellent SOLD
JD 620, PS, 3 pt., all orig. and very nice
JD 520, w/#10 JD side mount mower
JD 420, 5 spd. w/live PTO, orig. and nice
Oliver 770 gas, WF, one of the last, one of a kind
Oliver 770 gas NF w/PS, good condition
IH 230 2 pt. w/mower, excellent
White 2105, 1980 model, cab, air, 4WD, 2800 hrs., excellent
Ferguson T030 w/all hyd. ider.
AC 220, w/Year-round cab w/air, 2.8x38 tires, front & rear weights, very good cond.
Farmall Cub w/Woods 42 belly mower, excellent

USED PLANTERS AND DRILLS

JD 1240 4 row planter SOLD openers, dry fert., very nice
Brillion SS 10 seeder w/transport wheels and acre meter, nice condition
JD 7000 4RN, reg. planter, w/dry fert., good condition
IH 10 16 hoe drill, very clean, orig. and inexpensive

USED PLOWS AND CHISELS

IH 710 4x16 auto reset plow w/gauge wheel and hill side hitch, very nice
IH 550 5x16 Reg. Trip Plow w/coulters and gauge wheel, excellent
Oliver 4x14 cushion trip plow, semi mounted w/coulters
JD 1450 5x16 cushion trip, semi mount, hyd. hitch, coulters, gauge wheel
Wilrich 9 tooth soil saver, excellent condition
Glenco 9 tooth soil saver, good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Bushhog 3 pt. chisel w/gauge wheels, 8, 10, 12 tooth
JD 100 pull type chisel, 8 or 10 tooth
White 508, 5x16 w/coulters, gauge wheel and side hill hitch, excellent

USED DISCS AND HARROWS

Oliver 252 12' finishing disc, very nice
White 265, 12' heavy frame cutting disc, w/big blades, and tandem wheels
White 255 12' disc, 20" blades, tandem wheels, like new
Pittsburgh 11' disc, w/notched blades
Kewanee 14' rock flex heavy duty cutting disc, very good cond.
Dunham Lehr 14' Cultimulcher, w/dual inboard wheels

USED FORAGE EQUIPMENT

Fox Maxi one, self-propelled harvester, diesel, hydro, 4 WD, 3 RN corn head
JD 3960, 2 RN, 5' pickup, elect. controls, nice
JD 3800 w/2 RN corn SOLD hay pickup, elect. controls, excellent
Gehl CB400 w/1R and pickup good condition
Gehl CB700 2RN corn and hay pickup, 540 PTO, good cond.
NH 892 w/824 2RN and 880W pickup, electric controls, reconditioned, excellent
NH 782 w/2RN corn and hay pickup, electric controls
NH 1880 self-propelled, cat dsl, hydro, 3 RN corn and pickup
NH Super 717, late one w/square spout and 1R cornhead, excel.

NH 316 Baler w/all hyd. driven thrower, bale applicator, almost new, used less than 1000 bales.

USED HAY EQUIPMENT

NH 258 Rake w/rubber teeth
NH 310 w/#70 Thrower, very nice
NH 848 Round Baler, 2 yr. old, excellent
NH 479 Haybine
NH 499 12' hydro swing, excellent
NH 316 Baler w/#70 thrower, like new
NH 273 Baler w/thrower, excel.
NH 451 3 pt. hitch mower, 7 ft. bar very nice
JD 350 3 pt. hitch mower, 8 ft. bar excellent SOLD

USED HARVESTER HEADS

NH 890 2 RW Corn
JD 2RW w/clutch
NH 77 SOLD hay head
Gehl 2 RN or 2 RW, late model corn head
Gehl HA 900 hay pickup
JD 7' Hay pickup w/wheels

MISCELLANEOUS

Lamco Feeder Wagon w/running gear
NI 323, 1 R picker, picked 100 acres
NH 679 Tandem Axle Spreader w/end gate, very nice
JD 48 Loader w/brackets

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.

JD 8820 4WD, Full Equip. w/220 Flex.

JD 7720 4WD, w/216 Flex & 643 Corn Head, Nice.

1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.

1981 JD 6620 Side Hill Combine.

JD 6620 4WD w/215 Flex And 643 Corn Head.

JD '81 Model, 6620 LL, w/215 flex, real nice.

JD '81 Model 6620 LL w/216 Flex, very nice.

JD 6620 LL, 1 Owner, Full Equipment, $25,000.

JD (80) 4420, C.A. w/Dial-A-Matic, Full Equipment, Real Nice And 213 Flex.

JD (77) 6600 Side Hill, Good Cond.

JD 6600 Side Hill CA Hydro w/643 Cornhead.

(75) 6600 D. Rotary Screen good.

(78) JD 4400 Dsl., C.A..

JD (77) 4400 D., C.A.

JD 4400 Gas, 13' grain.

IH (78) 1460, C.A., Hydro., Real Nice w/820-17½' Flex.

(80) MF 750 Gray Cab, hydro., w/1163 and 15' flex

MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.

MF 550 D., C.A., low hrs.

MF (76) 750 Cab, Air, Hydro

Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice; (80) Gleaner F2, C.A., w/2 Heads.

Gleaner F2 D C.A. w/13' Grain.

(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.

IH D 915 C.A. Hydro w/863 & 810 Grain.

IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.

IH 715 Gas w/Cab & 810 grain for $4,850; MF 300 Gas w/Cab & 2 QT Heads, good condition; IH 80 & 82 Pull Combine; ('75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro.

NI 709 Uni, CA, Hydro, 4WD; N.I. 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H.; NI 702 D. w/727 bed & 3R C.H.; NI 701 Uni w/727 Husker and 3RN Cornhead; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.

CORNHEADS: JD 843 LP, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.

I.H. 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.

A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.

M F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.

NH 974 W4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.

I.H. 810-13' Thru 17.5' w/ Reg. or Floating.

M.F. 10'-16' Reg. or Floating Bar; A.C. E10'.

N.I. 713 Flex Or Rigid; NI 715 S Flex.

NH 960, 13'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip.; Real Nice; JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., MFWD, Real Nice; JD 4650 C.A.P.S., 2WD, Real Nice; JD 4450 C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450 C.A.P.S., MFWD, w/New Radial Tires; JD 4250, C.A.P.S., MWFD, Real Nice; (85) JD 4250 C.A.Q.R.; JD 4050 C.A.Q.R., 900 Hrs., Like New; JD 4050; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 CA, 16.9x38 Tires; JD 2950 MFWD w/ Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 1250 w/ Power Steering; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4640 C.A., Q.R., Duals; 4640 C.A.P.S.; JD (82) 4440, C.A.Q.R.; JD 4440 C.A.Q.R., Duals, Real Nice; JD 4440, C.A.Q.R., 20.8x38 Radials; JD 4440, C.A.Q.R., With Duals; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; JD 4440 C.A.P.S.; (81) JD 4240 C.A.P.S.; (82) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R., Real Nice; (81) JD 4240 C.A.Q.R.; JD 4240, ROPS, QR; JD 2940 MFWD, real nice; JD 2940 MFWD; JD 2940 w/Hi Lo, 2 Post R/G, $12,500; JD 2840 with 1500 Hours, Nice; JD 2840 w/ROPS; JD 2840; JD 2640 w/Hi-Low And Ind. PTO; JD (82) 2440 Full Eq., w/146 Ldr. & Grapple; JD 2040; JD 6030 ROPS; 4630 SR w/ Cab & Air; JD 4230, C.A.Q.R.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4230 C.A.Q.R., Nice; JD 4430, C.A.Q.R.; JD 4230 CA, Syncra Range, Nice; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range; JD 4230 C.A.Q.R.; JD 4030 Quad Range w/Cab; JD 4030 w/ Cab, Q.R.; JD 4030 w/ creeper trans.; JD 2630 Utility Dsl.; JD 7520 C.A., 4WD, Needs Motor Work; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; JD 4020 Factory Cab w/Air, Power Shift; JD 4020 w/ Cab, Real Good; JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, ROPS, w/Hi-Lo And Side Mounted Mower; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 Dsl., WFE; JD 4010 Diesel, As Is; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas; JD 3010 Gas w/Loader; JD 2510 Tricycle, Gas; JD 2010 Gas, WF, As Is; JD 2010 Tricycle Gas w/ Loader; JD 60 Tricycle Gas, Good Cond.; JD 720, Tricycle Gas w/ Rebuilt Motor; JD 620 Gas, WFE, w/PS.

IH 5488 ROPS, MFWD; IH 5288 CA w/20.8-38 Duals; IH 5088 C.A.; IH 1586 C.A. Real Nice; IH 1586, CA, Duals; 1586 w/R.G.; IH 1486 CA; IH 1486 CA; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS; 886 w/R.G.; F686 Original; IH 4166, C.A., 4WD, 3 Pt., Original; 1066 w/Yr. Round Cab; F 1066 Fender, Original; IH 1066 (Needs TA); 1568 C.A.; 1566 w/Cab; 1466 w/Cab; IH 966 C.A.; 966 Original; F766 w/Factory Cab; IH 666 Gas, WFE, Real Nice; IH 784, MFWD; IH 684 Row Crop Utility; IH 584; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 444 U. Gas w/IH 1501 Loader; Farmall 856 Dsl., Nice; 756 Dsl., WF; Farmall 826, Good Condition; 656 Diesel; 1206, Nice; F806 Dsl. w/2000 Loader; 806 D, WF; IH 706, 4 WD Case 2590, CA, PS, 1600 hours; Case 2390 CAPS, Duals; CASE 2390 C.A.P.S., Duals; Case 2090, C.A.P.S., Nice; Case 2090 C.A.P.S.; Case 2290, C.A.P.S., 20.8x38 Radials; Case 2290, C.A.P.S.; Case 1690 C.A., MFWD; Case 1390; Case 1190 w/Case #60 Loader; Case 1370 C.A.P.S.; Case 970, C.A.P.S.; Case 970 ROPS; Case 970; 930D, WF 3 pt.; Case 930 Standard, Dsl., As Is; Case 730 Gas w/3 Pt., WF; Case- 995 w/Cab.

MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF [SOLD] Original; MF 1100; MF 1085; MF 165 U. Gas; MF 165D w/ Freeman Ldr.; MF 135 Gas w/Power; MF 65 D.

Ford TW5, C.A., MFWD, 800 Hrs., Like New; Ford TW20 C.A., Dual Power; Ford 7770 CA, DP; Ford 7700 ROPS, New 18.4x34 Tires; Ford 7600 w/ROPS & Dual Power; Ford 8000; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.

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w/Cab And 310 Motor w/ Turbo; F560 D., WF, FH; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 340; Farmall 200; Farmall 100, Hi-Clearance w/Cultivators; Farmall H w/Ldr. & Live Hydraulics; Farmall Super A w/Wagner Hyd. Loader w/Plow; Farmall Super AV w/Cultivators.

AC 8070 C.A.P.S. w/Duals; AC 8010 C.A. 20 SP MFWD w/Westendorf 64 Ldr.; AC 7030 Fender Tractor w/Duals 20 Spd.; AC 7020 CA, 20 Spd.; AC 7010 C.A.P.S., w/AC 470 Loader; AC 7010 CA; AC 200 D original; AC 220, real nice; AC D17 Series IV D. 3 Pt., WFE; AC D17 Dsl. WF.

(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice; Deutz 9006.

CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., Like New; Case 4690 C.A., P.S. 4WD, Full Equipment; WHITE 2-135, C.A.; White 2-105 Fender.

OLIVER 1955 Original; Oliver 1855 MFWD; Oliver 1755, Dsl., WFE; Oliver 1655 Dsl., WFE; Oliver 1755, As Is; Oliver 2050; Oliver 1650 Dsl., WFE; MM G1000 Nice.

Tractors & Equip. Just Traded:

JD 3020 Dsl., WF, Dif. Lock, Dual Hyd.; JD 46A Loader; MF Super 90 w/Ldr.; Ford 9N; NH 56 Rake; AC 20' Hyd. Fold Disc; Case IH 685 C.A., MFWD, w/110 Hours; Case IH 1594 w/Ldr.; MF 1100, Dsl., WF; Farmall Cab w/ Mower; JD 2800 6X Onland; 6R S-Tine Cultivator; JD 3800 Chopper; JD 1209 Haybine; Oliver 3X Roll-Over Plow; Martin Manure Auger; JD 4450, C.A.P.S., MFWD, Duals; Grimm Hay Tedder; NI 353 Tandem Spreader; IH 710 5X On-Land Hitch Plow; NH 256 Rake; Bush Hog 6R Cultivator; New NI Rake, Hyd. Drive w/ Dolly Wheel; JD 2800 8X Plow; NH 499 Hydro. Swing Haybine; Deutz Fahr DX 830 C.A.P.S., MFWD; IH 350 Dsl. w/ Backhoe; MF 65 Gas; (2) JD 5R Splitter Planters; JD 6600 Gas w/443 Cornhead.

CORNPICKERS: (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; NI 323 Picker; NI 323, 1R Picker, $1950; NI 330 3R Picker w/12 Roll Bed.

New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder.

PICKER: JD 300 Picker w/2RN Corn Head; NI 319 Mounted Picker w/12 Roll Husking Bed; NI 319 Mtd.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

JD 5400 C.A., Hydro, 4WD, Real Nice.

JD 3960 w/2 Heads, Full Equip.; JD 3800 Chopper, Hay Pick-Up; JD 3960 w/3R Cornhead; JD 3960; JD 35 Chopper.

NH 890 w/Electric Controls, 2R Corn & Hay Pickup; NH 770 w/heads; NH 770 w/822 Cornhead; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head; IH 720 Chopper w/2R Cornhead; IH 720 w/2R And Pickup, Good Cond.

NI 709 Uni, 4WD, w/767 Chopper and 4 Row Cornhead.

Fox Super D w/Cab 3R C.H. & PU.

Gehl CB 1200 Chopper.

Balzer 1014 Hydraulic Dump Station.

FORAGE HEADS: NH 824 Cornhead; NH 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete.

JD 1R Snapper Head; JD 3R 36" Silage Head; J.D. 2 & 3R Snapper; 2 & 3 R Silage, Used 5½' and 7' Hay Pickups; JD 243 C.H. w/ adapter plate; JD 244 Cornhead w/Chopper Plate, Like New; 3 JD C.H. harvester adapter plates; JD 4RW Stalker Head.

IH 720 & 830 2R Cornhead; IH 720 & 830 Hay Pick Up; IH Direct Cut Head w/2RN & Hay PU for 650; IH 824 2R Snapper Head; NI 766 Hay PU; Gehl 1000 Hay Pickup.

2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

BLOWERS: Gehl 99 Blower, NH 30, JD 66; JD 65 Blower

FLAIL CHOPPERS: Used NH 38, JD 27 Stalk Shredder

SILAGE WAGONS: (2) JD 716 Tandem Axle w/Roof, Hesston #10 Stack Wagon

HAY EQ.: BALERS: Hesston 4800 Big Baler, New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466, JD 347 Baler w/Thrower, JD 347 w/ Thrower; JD 337 Baler w/ Thrower, Real Nice; JD 327; JD 327 Baler w/Thrower; JD 327 Baler w/Chute; JD 336 Wire w/ Thrower; JD 24T w/#30 Thrower; JD 24T w/#30 Thrower

NH 326 Baler, NH 425 Wire Tie Baler; NH 315 w/70 Thrower, NH 315 w/ Thrower; NH 310 Baler w/Motor, NH 276 Wire Baler; NH 276 Baler; NH 268 w/53 Thrower; (2) NH 66 Balers w/Wisconsin Motors; NH #75 Ejector, MF 124 w/ Thrower; MF 124 Baler; NH 848 Round Baler w/Memory Wrap, NH 851 Rd.; NH 852 Round Baler w/Auto Wrap; NH 846 Hydr Wrap, IH 2[illegible] Round Baler.

RAKES: J[illegible] [SOLD] Rake; Vermeer R-21A Twin Rake; MF 585 w/ Dolly Wheel

NH 258 Rake; NH Double Rake Hitch, Lely 2 Star Tedder, Fahr 4 Star Tedder.

HAYBINES: (1982) NH 1495 D C.A. Hydro, 800 Hrs.; NH 1495 D Hydro w/Half Cab; NH 1495 Gas SP, 495, JD 2280 D Windrower w/Cab, NH 489 Haybine, Real Nice, (3) 489, NH 488, NH 479; 478, (4) NH 467 Haybines, JD 1219, JD 1209 [SOLD] IH 990 7' Haybine, Gehl 1080 Disc bine, JD 1327 Diskbine, Like New, Hesston PT7

New MC 7E, MC9E Rotary Scythe; NI 272 Cutditioners, NH 1012 Bale Wagon

PLANTERS: AC 333 6R No-Til Planter, JD 7000 6R Cons, Dry Fert, JD 7000 6R Cons Liq, JD 7000 4R Liq, (Used) 7000-6R Cons Liquid w/No Till, JD 7000 6R Conservation, Dry Fert, JD 7000 6R Corn Planter, Dry Fert, JD 7000, 6RW Plate Planter, 7000-4R Dry & Liquid, (2) JD 7000, 4R Dry Fert, Full Equipment, JD 7000 4RN Liq, IH 800 4RN Liq Plate Planter; IH 800 4R Liq Air Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units, IH 56 4R Planter, White 5400 6R Corn Planter, Dry Fert; AC 600 4R No-Til Planter

DRILLS: JD 8300 21x7 DD; JD 8250 13x7 Single Disc Grain Drill With Grass [SOLD] Press Wheels, Like New; JD 8300 21x7 Single Disc Drill; JD 9300 Tandem Drills; Moore 18x6 No-Till Drill, Tye 24x6 Drill, 510 24x6 Double Disc

GRINDERS/MIXERS: Owatonna 450 w/Scales; Bearcat 1250; NH 352, Farmhand 850 Tandem Axle, Roto Grind Tub Grinder

TILLAGE EQ., PLOWS: IH 440 3X Plow, White 3X Spring Reset, JD F325 4X, 3 Pt., Hydr. Reset Plow, JD 3X Rollover Plow; JD 1250 4X Semi Plow, IH 540 4X Semi Plow, JD 1450 6X; JD 145 5x16 Semi Trip Plow, JD 2600 4X Trip Plow, JD 5X16" Semi Mount Plow; New Taylorway Pittsburgh 5X 18" Spring Reset; White 549 5X Spring Reset Plow; IH 700 4 and 5X Spring Reset Plow, Oliver 546 5X Trip Plow, IH 720 6x16 Spring Reset On-Land; Ford 6X Spring Reset On-Land Hitch; White 506, 6X Reset, 6B Semi, IH 700- 6x16 Spring Reset, White 549 5-6x18 Spring Reset; JD 2700 6X Plow, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover; (2) JD 2800S, 7X, JD 2800, 7X Onland; IH 710, 7X Onland, JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land, IH 800 10X Plow

CHISEL PLOWS: Athens 6' Chisel Plow, Brady 12' Chisel Plow, JD 1600, 12' Chisel, Bush Hog 10' w/ Buster Bar

DISCS: Bush Hog 245 14' Offset Disc; JD 110 12' Rock Flex, White 252 12'; Bush [SOLD] Disc; Miller 12' Offset Disc, Mi[SOLD] set, Nice; Krause 1452 14' Offset Disc, White 15' Offset Disk, White 271 18' Hydraulic Fold Rock Flex Disc; Case F21 21' Hyd Fold Disc, Dunham Lehr 34-20' Rock Flex Disc, Case DOT 21' Hyd Fold, Very Good, JD 230 23' Hydraulic Fold Disc, Very Good, Rhino F90B 22' Hy Fold, Rock Flex, JD 230 24' Hyd Fold Disc

MULCH TILLERS: JD 1710 9 Tooth Soil Saver; Wilbeck 13', Glenco SS18 Fold Soil Saver; Glencoe 13 Shank Soil Saver; Rhino 890 5 Tooth 7' Soil Saver, Like New

CULTIMULCHERS: Dunham Lehr 10' w/Inside Whls.; JD F950 12'; Brillion 12' Cultimulcher, Real Good; JD & Brillion 10', 12', 13' & 15'; Brillion WM 380 30' Flat Fold Cultimulcher, Like New.

CULTIVATORS: JD 4R Front Mount Cultivator; McKee 4R S Tine; (2) JD RG 4; JD & IH 6R 3 pt., Glenco 6R S-Tine Cultivator; Noble 6R S Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator; JD 8R Cultivator, Noble and Brillion 6R S-Tine Cultivators, 8R S Tine Cultivator; 8R Fold S-Tine Cultivator, JD 1010 28' Hydraulic Fold Field Cultivator; JD 20' 3 Pt Field Cultivator, White 283 20' Hyd. Fold Harrow; Brillion 23' Hyd. Fold Field Cultivator.

MISC: Brillion 24' Hyd. Fold Packer, Brillion 12' Packer; Glencoe 12' Soil Finisher; JD 5 Shank V Ripper; 5 Shank V Ripper, IH 14 9 Shank Spring Reset V Ripper; Brillion 7 Shank V Ripper.

INDUSTRIAL: Arps 730 3 Pt Backhoe, New Arps 740 3 Pt. Backhoe; MF 2200 Dsl Forklift, As Is, Cat 955 Ldr., As Is; IH 250A Dsl Industrial Loader.

1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS, Case 580 Diesel Loader w/Extendahoe, AC 715B L & B, JD 300 Gas Loader Backhoe, IH 300 Ldr Backhoe, IH TD14, Angle Blade, $2,995; JD 350B Crawler Loader w/Winch (As Is), JD 450C Crawler Loader, JD 555 Crawler Loader, JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS: Bobcat 444, Bobcat 533 D Skid, Case 1845 Gas Skid Loader; Case 1845 D Skid, (85) Case 1845 B Del

LOADERS & BLADES: JD 48, 58, 145, 148, 158, 260, IH 2000, 2050, Case IH #90 Ldr, Like New; Ford 727 Loader; Ford 720 Loader, NI 504 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185, etc, AC Loader For D17, Ford Ldr For 8000 Etc, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc, JD 155, 9' Heavy Blade w/Hydraulics, Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake

LAWN & GARDEN: Kubota 6200 Dsl Riding Mower; Bolens G154 Dsl. 4WD, w/3 Pt. Mower And Front Blade, JD 950 w/Ldr.; JD 850 D w/Mower; JD (88) 750 MFWD, Cub Cadet 582 w/Ldr. And Mower; Hefty F 27 HP Tractor w/3 Pt., C[SOLD]-Boy w/Mower And Bl[illegible], Cub 154 Lo-Boy, With Creeper Trans; 154 Lo-Boy, Cadet 782, 1100 And 1250, J D. 400, JD 318 Riding Mower, 317, 316, 216, 214, 212, 210, 140, (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series.

New Yanmar YFL 1000 Ldr, Schutt 3PT Tree Digger.

ROTARY CUTTERS: JD 1508 Hydra Fold Mower, Nice, JD 1508 Wing Cutter

MC 7' Heavy Duty Mott Mower

SICKLE MOWERS: JD 350, 7 & 9 Ft, NH 450 3 Pt., IH 1300 Real Nice

MANURE SPREADERS: NI 354 Tandem Spreader; JD 660 Tandem Spreader; Martin V3300 Tandem Tank, H[illegible]m Axle Tank w/Injector, NI 206 Spreader [SOLD]

New Killbros Bins & Running Gears
New Killbros 475 Grain Cart

MISC.: John Blue 1,000 Gal Tandem Axle Sprayer; 500 Gal Tandem Axle Sprayer; Edwards Hydro-Swing, Tree Booms, w/Foot Controls, NI 45' PTO Elevator; NI 176 32' Elevator w/Motor & PTO, Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD; I H. Flat Top Fenders For 706-1466, I.H. 66 Series Cabs; Year-Round Cab w/Air For IH 66 Series; Damaged IH 84 Series Cab, J D. & I H. Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate; New WFE For Ford 7700, Myers Snow Blade for IH 240

Muv-All 30' Hyd. Implement Trailer

J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc.

STRAW CHOPPERS: For J D 4400, 6600, 6620, 7700, M F 510

MECHANICS SPECIALS TRACTORS: 4020 Tri

F706 D, As Is, JD 3010 D, As Is

MAY SPECIALS

TRACTORS	
(70) JD 5020	$ 4,500
I H. 1206 W.F E.	$ 5,550
IH 1086 C.A.	$ 8,900
Case 1370 w/Cab, Power Shift	$ 5,900
COMBINES	
JD 55 Square Back w/Cab, 12' Grain & 2R Corn	$ 1,500
Case 1660 Gas w/6 Row And 13'	$ 1,950
1973 JD 6600 D. C.A w/Grain Head	$ 3,950
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M.F. 510 Diesel w/Cab & Q.T. Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
MISC.	
JD 38 w/2R Corn Head	$ 1,000
NI 509 [SOLD]	$ 1,500

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Cat 1973 955L..... $26,000

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1980 JD450-C Dozer, new bottom..... $26,000
1984 JD450-D Dozer..... $29,000
1985 JD550-B Dozer..... $31,000
1986 JD450-E Dozer..... $32,000
1988 JD550-G Dozer..... $42,000

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1979 Dynahoe 200 4WD w/cab..... $15,000
1968 Dynahoe 190 with Cab..... $10,000
1972 Dynahoe 140 with cab. $9,000
1973 JD510 with Cab & 16' Backhoe..... $15,000
1976 JD310-A with Cab..... $17,000
1979 Case 480-C with Cab, 2200 hours..... $15,500
1979 Case 580-C with Cab..... $15,500
1983 JD410-B with Cab & Extendahoe..... $23,000
1984 JD410-B with Cab, 4WD & Extendahoe..... $34,000
1985 JD515-B with Cab & side shift Backhoe..... $27,000
1969 JD 500B ROPS..... $11,000
1983 JD 710B, Cab 2WD, side dump bucket..... $37,000

WHEEL TRACTOR

1966 Ford 3400 with Loader, no 3 point hitch..... $4,500
1988 Ford 445A w/backhoe 3 pt. hitch, 300 hours w/24" & 12" bucket..... $24,000
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1986 JD 50 Excavator w/400 hrs..... POR
1986 JD 30 Excavator w/800 hrs..... POR
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Stanley MB250, Mounted Hydraulic Breaker/Hammer..... $5,200
Stanley MB550, Mounted Hydraulic Breaker/Hammer..... $7,200
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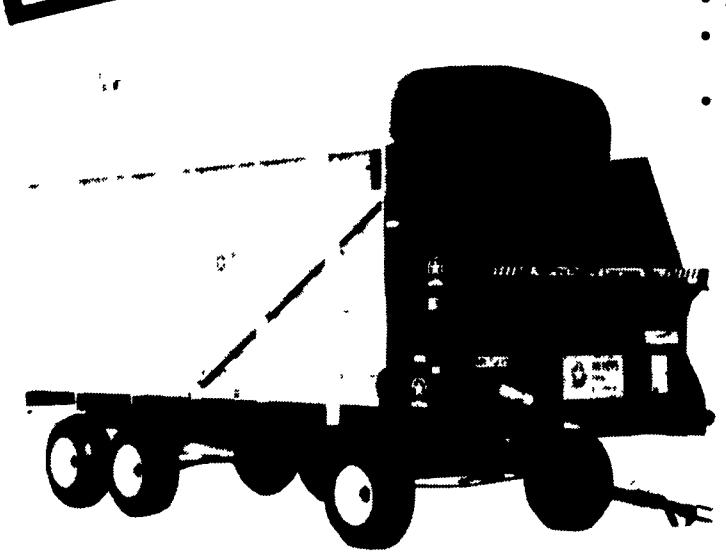

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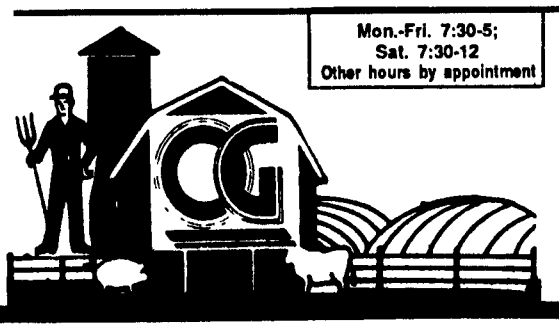

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Case IH 7110 Magnum, 2WD w/720 hrs.

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Massey Harris Pony
IH 350 Utility

USED EQUIPMENT

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Int. 863 corn head
IH 2455 Loader
Case 1845B skid loader
JD 224 baler w/thrower
Vicon disc mower conditioner, nice condition
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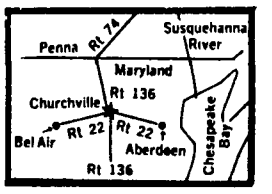

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JD 4020, '67 model
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JD 4230, cab & air, '76 model
JD 4030, QR
JD 4010, narrow front
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JD 620, 2 cylinder
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IH 1466, cab & air, 1 owner, 2,500 hrs.
IH 1066, cab & air..... $10,500
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IH 806 diesel
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Oliver 1855 w/cab
Oliver 1850 diesel w/over & under
MF 285 w/cab, 1,900 hrs.
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MF 1105 Fender Tractor
MF 1100, diesel w/cab
MF 180 diesel
MF 1105, cab & air, 1,800 hrs., 1 owner
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JD 350, 6 Way Blade
JD 310 backhoe
Case 450 w/6 way blade
Bobcat 825 diesel
Bobcat 743 diesel
Axle mount duals for IH 38"
Roll guard for 2950..... $650
Turbo charger will fit 4020
NI 325 2 row narrow corn picker

THE 2900

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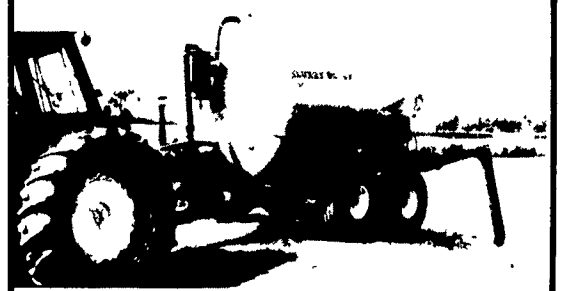

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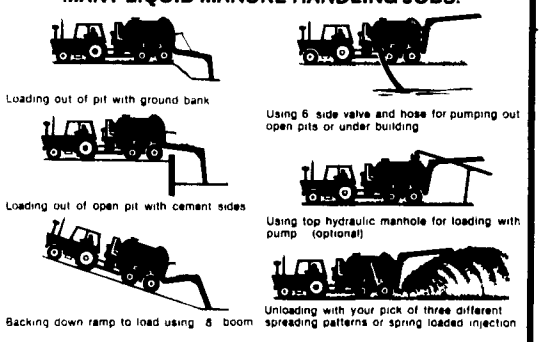
THE SLURRY BUGGY IS DESIGNED FOR YOUR MANY LIQUID MANURE HANDLING JOBS.



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TRACTORS

JD 2940 w/JD 148 loader
JD 2030 diesel, utility
JD 2010 utility
JD 830 w/145 loader
JD 420 tricycle
JD 750 w/backhoe
Farmall Cub w/Flail Mower
MF 1085
MF 180 Diesel
IH 1466 w/rollguard

TILLAGE EQUIP.

JD 4200 3 bottom 2 way plow
Oliver 6 bottom semi. mounted plow
AC 10' chisel plow
Brillion 9' packer

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JD 1440 no-till corn planter
JD 1460 no-till corn planter
White 5400 air planter
AC 600 6R plate planter

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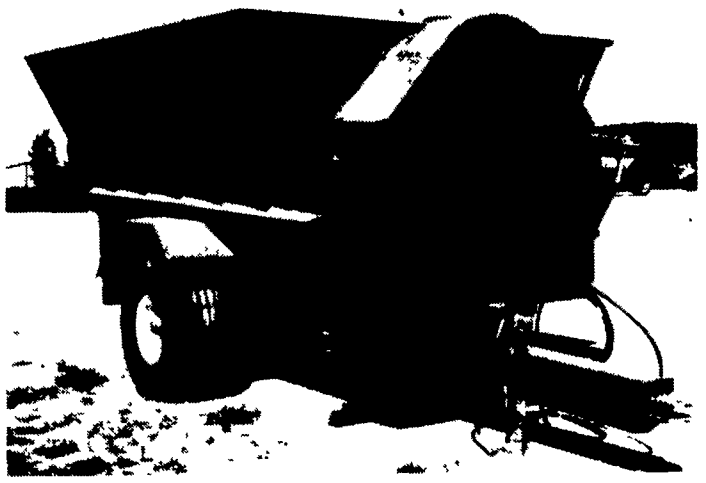

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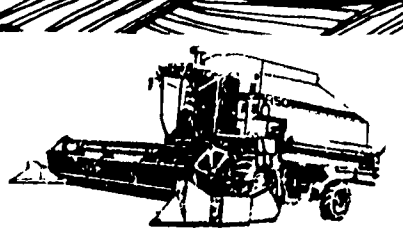

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Case IH 3088 D, Excellent
AC 7040 D w/Cab, Air/Heat
AC 7050 D w/Cab, Air, Heat, Excel
AC 220 D
AC 5040 D w/Low Hours
AC 185 D
AC 175 D
AC WD45
AC WD
AC D17
Ford 4000 D
Ford 900
Ford 801
Ford 8N
Ford 9N
Farmall M
MF 1150D w/Cab
MF 180D w/Loader
JD 3010 w/WFE
JD 3010 D
JD 3020
JD 60
Case 300

COMBINES

AC Cleaner N6 w/Cab, Air And Heat, 15' Grain And 630 Corn Heads, Low Hours
AC Gleaner L2 D w/Cab & 16' Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab Air, 13' Grain & 430 Corn Heads
(1977) AC Gleaner F2 D w/13' Grain & 438 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 3300 Cab w/Air/Heat, 10' Grain & 238 Corn Heads, EXCELLENT!
JF 750D w/Cab, Air/Heat & 630 Corn Head, 2100 Hrs. EXCELLENT!
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NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!

MISC.

(2) Weaverline 330 Silage Cart
NH 350 Grinder/Mixer
NH 352 Grinder/Mixer, Excel!
NH 357 Grinder/Mixer, Excel!
Gehl Grinder/Mixer

TILLAGE

AC 2000 6-Bottom Plow, On Land
IH Auto Reset 6 Bottom
Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
JD 4B Semi-Mount Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
(2) AC 600 Air Champ Planters, 4-30" & 4-38" Rows
JD FBB15 Double Disk Grain Drill

HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
Grimm PTO Tedder
Vicon 165, 5½' Disk Mower, EXCEL!

MANURE SPREADERS

NH 675 w/Endgate, 300 BU.
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU., A-1!
NI 218, w/Hyd. Endgate, Tandem Axle, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU

SPECIAL SALE PRICED USED COMBINES AND BALERS FOR PARTS

JD 45, JD 55, NH 975, NI 601 Uni, AC Gleaner E, AC Gleaner A, (All Machines With Both Heads). Various JD, IH, And NH Balers, Too. *"Check Our Lot, Must Clean Up For New Inventory!"*

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Slash chemical costs
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Kills weeds, aerates soil, crumbles crust for better crop emergence and provides fast, easy chemical incorporation

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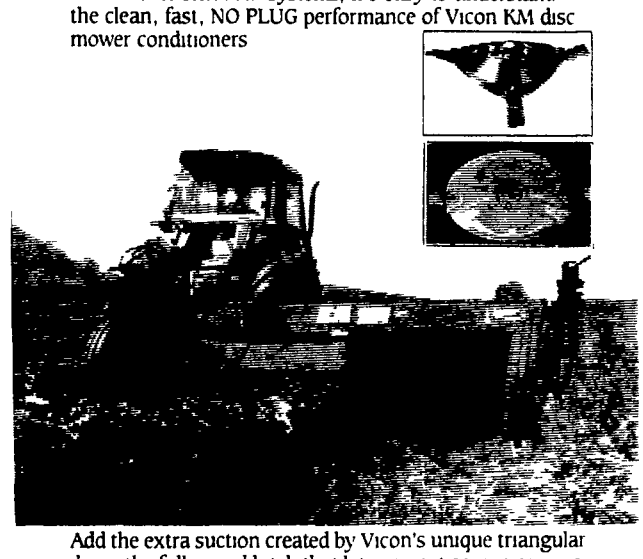
GET THE EXTRA EDGE

Put a Vicon *three-bladed* disc mower conditioner through wet, heavy, tangled crops Then compare the difference

With almost double the number of cuts per minute over two-bladed disc competitors, and six times the cuts per minute over sicklebar systems, it's easy to understand the clean, fast, NO PLUG performance of Vicon KM disc mower conditioners



Add the extra suction created by Vicon's unique triangular discs, the full swivel hitch that lets you cut square corners on the move, and gentle, full width conditioning, and you're looking at a high capacity machine that puts productivity in a whole new dimension Four models cut from 7' to 10'6" widths

Vicon's got the edge. The extra edge.

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Vicon

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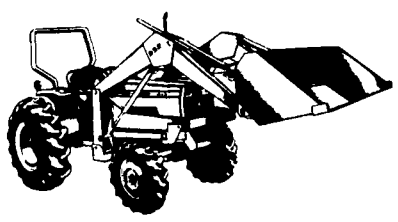
with Hammer / Side Discharge - Hydraulic Auger

Model #1100 (Gal) 225 Bushel	$6,200
Model #1700 (Gal) 350 Bushel, Tandem	$9,000
Model #2500 (Gal) 525 Bushel, Tandem	$11,650
LUCK NOW Model #285 Mixer-Feeder Wagon, Coming Soon!	$15,380



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1035 - 4WD, 31 HP, Ag Tires	$8,900
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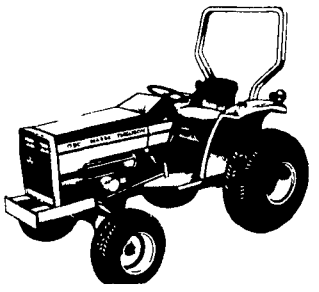

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MF 115 Coulter Chisel Plow	$5,200
Landoll Field Cultivator	$2,800
Sovema 3 pt. Rotary Tiller	$1,075
MF 6 Row Cultivator	$800
Noble 4 Row Cultivator	$2,150
Unverferth Field Cultivator	$2,300
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Woods 214 14' Rotary Cutter	$3,800
Woods RM600 Rotary Cutter	$1,650
Brady 840 Stalk Chopper	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400

MISC. EQUIPMENT

Danuser 3 pt. Wood Spliter	$780
Danuser 3 pt. Post Driver	$1,200
Shaver 3 pt. Hyd. Post Driver	$1,700
E.Z. Trail 8 Ton Running Gear	$1,150
Tye No Till Grain Drill	$7,500
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JD 1240 Corn Planter	$800
JD 4R Front Mounted Cultivator	

HAY EQUIPMENT

MF 585 Pull Type Hay Rake	$2,350
MF 41 Sickle Bar Mower	$2,250
J Bar 3 pt. 4 Wheel Rake	$475
MF Forage Blower	$1,900
J Bar 7' Disc Mower	$2,500
Gehl 1710 Round Balers	$5,500
KM 241 Discbine	$5,500
NH 499 Haybine	$10,900

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Kinsey 1644 Skid Steer Loader	$15,900
MF 1100	$3,000
MF 1085	$4,900
Case 1690 4WD	$12,000
MF 1155 with cab	$8,800
MF 1155 with duals	$7,400
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JD 4030	$9,700
AC 200	$4,900
MF 2675	$12,500
Oliver OC3 Crawler w/1 dr.	$2,000
MF 2135 with Loader	$3,500
Ford Dextra Tractor	$2,500
IH 464	$5,500
Farmall 560	
Farmall 230 w/fast hitch	$1,200

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1979 MF 750 Gear Drive	$14,000
1977 MF 750 Gear Drive	$12,000
1977 MF 760 Hydro V8	$16,000
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NH 275 Baler w/Thrower
Gehl CB 750 w/2 Heads
NH S-69 Baler w/Thrower
NH 27 Blower
IH 37 Baler w/Thrower
JD 40 Manure Spreader
NI 245 Manure Spreader
NH 668 LH Spreader
IH 1250 Grinder Mixer
Case 5B Auto Reset Plow

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Case 586 Forklift
Cat D6 Dozer
Satoh Beaver Mower/Blade
Ford 4420 Gas
Ford 4400 G
White 4150
AC 185 w/Ldr.
Ford 6610 w/Mower
Ford 3000 D
Ford 2000 G w/Ldr.
AC 7000 w/ROPS
Ford 4000
Case 800
White 4WD

SPREADERS
NH 307
NH 519
IH 575

MOWERS
Woods LM59
Triumph Hydro Clipper

RAKES
SOLD
KH 500 Hay Tedder
NH 55

LAWN & GARDEN
JD 400 w/Mower
Ford Lawn & Garden w/ Mower
Cub Low Boy 154
AC 811 w/Mower
Ford LGT w/Mower
Sears Lawn Tractor
JD 912 F w/Mower
Simplicity 4041 Tractor w/ Mower
Case 220 w/Mower
Case 155 Tractor w/Mower
Kubota B7100 HFC w/ Mower
AC 816 GT w/Decks

MOWER CONDITIONERS
(2) NH 495 12' Haybine
NH 499

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NH #8 Wagons
Badger 716 Forage Box
NH 358 Grinder Mixer
Brillion Cultimulcher, 15'
NH 354 Grinder Mixer
Hesston 7140 w/2 Row Head and WPU

PLANTERS
DA385, 6 Row
AC 333 No-Til, 4 Row

FORAGE EQUIPMENT
Hesston Side Dump
1895 Harvester
NH 892 Harvester

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JCB SOLD WD
NH 454 Skid Loader
AC 540B Art Loader
NH 445 Skid Loader
Huff SOLD der, Dsl.
Case 480C

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NH 310 w/Motor
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NH 326 w/70 Thrower
NH 276 w/Thrower
NH 311 w/Motor
NH 90 Bale Handler
NH 311 w/Motor
NH S68
NH S67
NH 320 w/Thrower

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JD 770 4WD
JD 870 4WD
JD 970 4WD
JD 1070 4WD

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2 - JD 350 Spreader w/Endgate
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2 - JD 245 Loaders (Self leveling)

HAY & FORAGE EQUIP.
2 - JD 1219 Mower Cond.
JD 1460 Rotary Mower Conditioner
JD 335 round baler
JD 328 Baler w/40 Ejector
JD 240 Disk Mowers
JD 3 SOLD kle Mower
JD 662 Rake
JD 672 Rake .....Special $3,450
JD 3950 Forage Harvester w/2 heads

USED EQUIP.

JD 4020 diesel tractor	$7,950
Ford 4000 tractor	Coming In
AC WD 45 tractor	$3,000
JD 420 Tractor	$2,500
JD 4010 gas tractor w/loader	Coming In
JD 2800 6 Bottom Plow	$5,500
AC 12' chisel plow	Coming In
NH 78 Baler w/Thrower	$1,650
JD 7000 4R planter, SOLD rtilizer	$3,950
JD 336 baler w/30 ejector, ex. shape	$4,500
JD RWA 14' disc	Coming In
IH 4R 3 pth cultivator	Coming In
JD 347 Baler w/40 ejector, ex. shape	Coming In
JD 716A forage wagon w/1275 running gear	$6,500
NH 3 pt. sickle bar	$500

Ford
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NEW HOLLAND

FORD TRACTORS
New 2910
New 6610
(2) Used NAA
Used 4000 Ind. Tractor/ Ldr. w/PS

NEW HOLLAND
New 853 Round Baler
New 489 Haybine
New 488 Haybine
New 329 Manure Spreader
New 316 Baler w/70 Thrower
Used 365 Flail Spreader
Used 479 Haybine
Used 489 Haybine
Used 272 Baler w/SS
Used 273 Baler w/SS
Used 256 Hay Rake

OTHER TRACTORS
New Bolens G152 Dsl.
Used Case 611 B Tractor
Used Ferguson T030

OTHER EQUIPMENT
New Kuhn FC300 Disk Mower Conditioner
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3B x 14"
New Ford 140 3B x 16" Mtd. Moldboard Plow
New Ford 150 Mtd. Moldboard Plow 3 B-16"
New Ford 151, 4B x 16" Auto Reset Plow
New Ford 151, 4B x 18" Auto Reset Plow
New Ford 208, 12' Field Cultivator
New Glencoe 12'9" Soil Finisher
New Glencoe Soil Saver 5 Shank
Used JD 12' Lift Type Spring Tooth Harrow
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Used JD 494A Corn Planter
Used Ford 930 5' Finishing Mower

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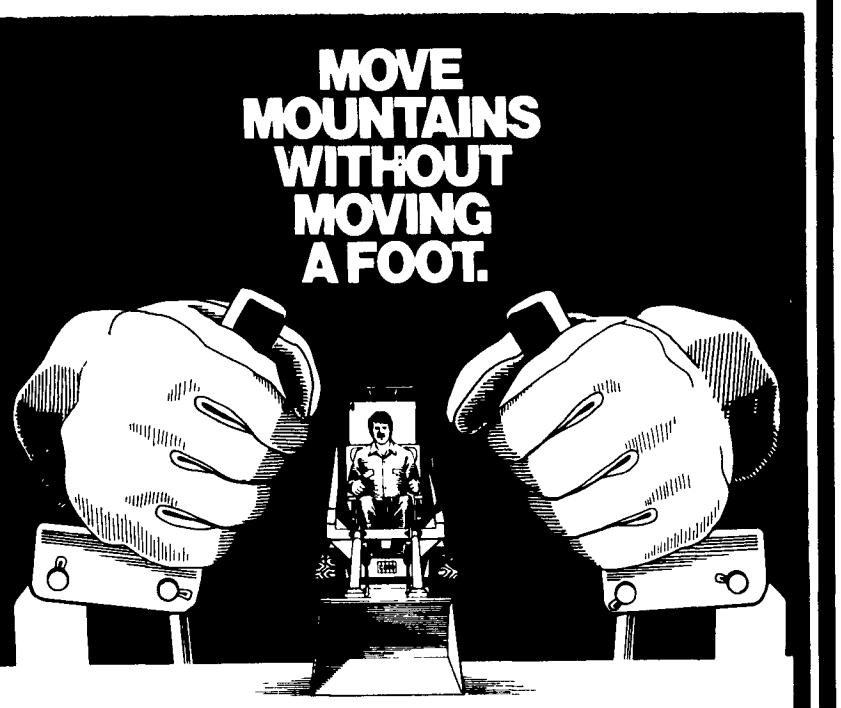

Case Uni-Loader* skid steers not only out dig out lift, out carry and out load most others they also take a big load off your feet That's because speed direction and all loader functions are controlled by two hand levers You can maneuver easier and work faster There are other advantages too self-leveling loaders simple external chain-tension adjustment sepa rate hydraulic and chain/sprocket oil systems reduce maintenance and downtime Let your hands do the working with a Case Uni-Loader skid steer the easy way to get a handle on tough chores

Choose From These Models...
- 1818
- 1825
- 1835C
- 1845C

See us today for Uni-Loader* skid steers with convenient one-stop service and flexible financing programs

Special Prices On All Models Case-IH Skid Steer Loaders

ONE ONLY DEMO SPECIALS

1818 Demo	$ 6,000
1825 Demo	$ 9,000

ZIMMERMAN'S FARM SERVICE
½ Mile West Off Rt. 501 On School Rd., Bethel, Pa.
717-933-4114

case IH

USED EQUIPMENT

case IH

TRACTORS
- Case SC Tractor
- Case DC Tractor
- Case 2290, Cab, Air, Heat
- Case 4494 Tractor, 4WD
- Case 995
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1370 w/Cab
- IH 2500A Tractor
- White 2-105 Tractor
- David Brown 990 w/Loader
- David Brown 990
- David Brown 1210
- Int. 656 Gas
- Int. 684 MFD
- Int. 826 Tractor
- Int. 10 SOLD /Cab, Air Heat
- Agri Power 8000
- Ford 8N
- Hesston 60-66

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston 3700 Tedder/ Rake
- Hesston 1010 Windrower
- (2) Hesston 1014 14' Windrowers
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Hesston 300 Windrower
- Case 650 Windrower
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler
- NH 276 Baler w/Thrower
- NH 499 Haybine, Like New
- Ford 618 Blower

LOADERS
- Case 450 Dozer
- Case 1530 Uni-Loader
- Case 1825 Rental
- (3) Case 1835B Uni-Loaders, Diesel
- Case 1830
- Case 1845 Diesel
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
- NH 445 Skid Loader
- Owatanna Skid Loader—$1,500
- Cat 933 Loader

MISCELLANEOUS
- Zimmerman 36 Ft. Elevator
- NH 36 ft. Elevator
- King Wise 28' Elevator
- Gehl 99 Blower
- IH 56 Blower
- NI Blower
- Automatic Roller Mill
- Peerless Roller Mill
- Farmaster 150 Mixer
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NH 353 Spreader
- HM 1674 Spreader
- Gehl 350 Spreader
- Gehl 250 Spreader
- JD 54 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Til Drill
- JD FB-B 17 DD Drill
- (2) JD 8350 DD Grain Drills
- JD 8300 Drill— Soybean Special!

NEW IDEA
HESSTON

TILLAGE
- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- JD 2600 4-Bot. Plow
- Int. 6500 11-Tooth Soil Saver
- Case Soil Saver — 7 Tooth
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- JD 210 Disk
- AC 16 Ft. Wing Disk
- JD 10 Tooth Chisel Plow w/Buster Bar
- Kawanee 10 Ft. Disk
- Olive SOLD sk
- Oliver Disk
- Used Cultipacker

PLANTERS
- JD 1240 6-Row Planter
- IH 4-Row Corn Planter
- Cole 4-Row Corn Planter
- White 5400 Planter, 6 Row

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 744N 4-Row Head
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Cornpicker
- NI 325 12 Row Husking Bed
- Int. 234 Picker
- IH 844 4-Row Head
- Case 1660 Combine w/Flex Head And 6-Row Cornhead

ZIMMERMAN'S FARM SERVICE
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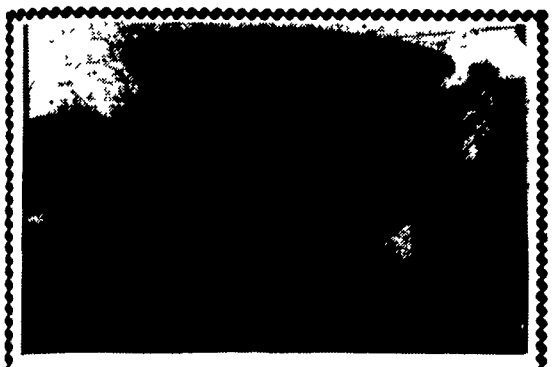
Bethel, PA
Phone 717-933-4114



1 - Used 1100 Series PTO Portable Haybuster Go SOLD Hay, Bark, and Light Wood

Also 1-Used XG50 Farmhand Tub Grinder, in very good condition.
Reason for selling - bought bigger machine.

Fultz Bros.
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Elliottsburg, Pa. 17024
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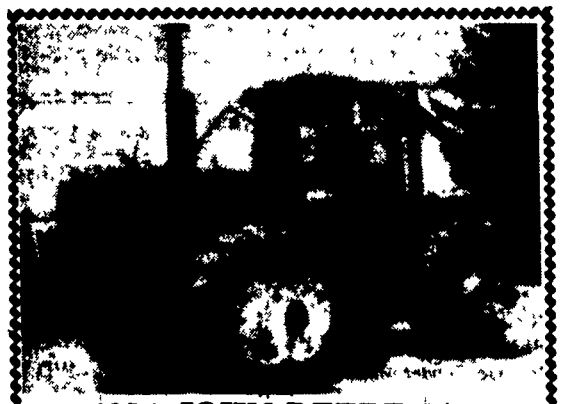

1981 JOHN DEERE 8640

4x4, air conditioned cab, 225 HP, Articulated, New 20.8-34 Tires Duals, Low Hrs., Very Clean Tractor, $36,500 Bargain!

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TRACTORS

Kubota L-2000, Completely Reconditioned
David Brown 1212
MF 65 Tractor

FORAGE

Assortment of Gehl 99 Forage Blowers
Gehl 1000 SOLD arvester- Coming In
E-Z-Flow Forage Box w/12 Ton Gear
DANCO 16 Ft. Forage Box
Clay 16 Ft. Forage Box

LAWN & GARDEN

Wooda RM48 Mower
Gravely 812 w/Mower And Cultivators
Gravely 812 w/Mower
Satoh Beaver 370 Tractor w/Belly Mower and Front Blade
Gilson Lawn Tractor- Ex. Condition
Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
Cub Cadet 782D w/Mower
JD 110 SOLD r/Mower

MISCELLANEOUS

HS/Van Dale Mixer Feeder- Coming In!
NH 271 Baler w/Kicker
3 Axle Trailer
Hawk Bilt 2195 Spreader
Gehl 309 Scavenger Spreader
Gehl 120 Grinder Mixer

MOWER CONDITIONERS

Hesston SOLD Like New
(2) Hesston 1014 Windrowers
Hesston 1090
Hesston 1091
(2) Case 555 Mower Conditioners
Case 655 Self-Propelled 8' Head
Case 650 Self Propelled
Vic SOLD 321
NH 489 Mower Conditioner
Gehl 2390 Disc Mower Conditioner, 9½ Ft.

PLANTERS

White 5100 Air Planter, 6-Row
White 5100 Air Planter, 6 Row Granular

SKID LOADERS & UTILITY

Case 580D, ROPS w/Extendahoe
Case 580E Loader/Backhoe w/Cab
Case 580C, Cab & Standard Hoe
Case 580C, ROPS, Standard Hoe Ex. Cond.
Case 1835B Uniloader
Case 1845B Uniloader
Case 580K, 4WD, Extendahoe, w/4-in-1 Bucket, Ex. Shape — Coming In!
3 Axle Trailer

Sales, Parts And Service For...
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

Special
Deutz Allis SM70RC Discbine, Cuts 10'6"
As Traded, $2,935

USED TRACTORS:

CASE: 1690.
MASSEY: 135, 135 w/Ft. End Ldr., 165 Diesel, 40, 294 4WD, 184-4 4WD.
DEUTZ: D6806.
FORD: 545 w/Cab, 540A w/Cab, 5000, 3000, 8 N's 4000 w/Ft. Ldr., 3000 Diesel w/Ft. Ldr., 801, 3400 w/Ft. Ldr., 6600 w/Cab, 4WD 7600 Hi Clearance, 7000.
JD: 2840, 4030, 4230 4 Post Power Shift.
AC: 6060, 5050 w/Ft. Ldr., 160 w/Ft. Ldr., 5040 w/Ft. Ldr., 5050 w/Ft. Ldr., 5045, D17 Diesel, 190XT, 6080, I-40 w/Befco Rear Mower, 5045 w/Rototiller; 6140 w/Front End Loader, Like New.
IHC: Super A, Super H w/Wide Ft. End, Super M, A Hi Clearance, 140 Hi Clearance, 140 w/Sickle Bar Mower, 886.
KUBOTA: 8200 4WD, M5500 4WD w/Ldr., M4950 4WD w/Ldr. & Hyd. Drive Sickle Bar Mower, 2550 4WD w/Ldr., L175 w/Belly Mower, B7100 HST w/Rear Woods Mower, 6100 4WD.

TILLAGE EQUIPMENT:

We Have A Very Nice Selection Of Discs- Best In Years.
JD: AW 11 Ft. Tandem, 220 Centerfold 20 Ft. Black Gang w/Rock Flex & New Blades, 1630 Tandem 12 Ft. Plow Disc Reconditioned w/New Blades, KBA 10 Ft. Disc, 310 14' Plow Disc.
BUSH HOG: 12 Ft. Tandem Disc, 9 Ft. Offset Plowing Disc.
IHC: 760 Offset 13 Ft. Disc, 350 12 Ft. Disc, 480 Tandem 20 Ft. Wing Disc.
AC: 14 Ft. Tandem Wing Disc, 2300 Tandem 10 Ft. Disc; 3300 Transport Offset Disc.
KEWANEE: 610 Tandem 16 Ft. Wing Disc w/Folding Gang.
TAYLORWAY: Rockflex 13 Ft. Disc.
ATHENS: 131 Tandem 11 Ft. Plow Disc.
WHITE: 13 Ft. Tandem Disc Like New.
MASSEY: 12 Ft. Tandem Disc.
MISC.: Glenco 4 Row 3 Pth. No-Til Cultivator, New Brillion 16' Transport Harrow w/Danish Tines.

AUTO RESET PLOWS:

IHC: 700 4 Btm., 710 3-5-6 Btm., 710 6 Btm. w/On-Land Hitch, 720 4 Btm. Like New, 720 6 Btm. w/On-Land Hitch.
JD: 2500 7 Btm. w/On-Land Hitch, 2500 7 Btm., 3600 Trailer Plow, 4-5 Btm. w/Tandem Hitch; 2600, 6 Btm.
AC: 2000 4 Btm.
FORD: 3 Btm. 3 Pth.
WHITE: 588 5 Btm.
MISC.: Kewanee 9 Shank Trailer Chisel Plow, Massey 4 Btm. 3 Pth. Rollover, JD 3 Btm. 3 Pth. Rollover, JD 1250 3 Btm. 3 Pth., Athens 7 Shank 3 Pth. Chisel Plow, Brillion 10 & 12 Ft. Cultimulchers.

PLANTING EQUIPMENT:

AC 2 & 4 Row No-Til Corn Planters, Ford, JD, AC 2 Row 3 Pth. Corn Planters, JD 216 2 Row Potato Planter; Brillion 10' Cultipacker Seeder.

HAY & FORAGE:

NI: 272 Cut/Ditioner, 484 Round Baler Used 1 Season.
HAYBINES: Hesston 1071, NH 472, 477, 479, 489, JD 1207, IHC 1190, Coming In Gehl 2330.
FORAGE HARVESTER: Gehl 1000 w/Pickup Head & Tandem Axle, Hesston 200-150 Choice Of Heads, Hesston 7140 Choice Of Heads.
FLAIL CHOPPERS: NH 36.
FORAGE BLOWERS: Gehl 99, 1580, NH 28; JD 3800 Chopper.

HAY BALERS

GEHL: 1310 Round Baler, Low Usage, Makes 4' Bales.
JD: 346 Baler w/Thrower, Low Usage.

MANURE EQUIPMENT:

BOX SPREADERS: 16 Assorted Spreaders From 75 To 350 Bushel - Call For Your Needs. **VACUUM:** Van Dale 2250 Gal. **SEMI SOLID:** Hedlund Martin Van Guard 2400 Gal. & 2900 Gal. **LIQUID** Better-Bilt 1500 Gal., Manumit 3000 Gal., Van Dale 3000 Gal. w/Self Loading Pump. Hedlund Martin Equalizer Manure Loader. Butler Liquid Manure Pump. NH 667 Tank.

INDUSTRIAL:

TRACTOR/LOADER/BACKHOES: AC 615, Case 480, Case 580, JD 310A. **DOZERS:** AC 653, JD 450C, Case 450 w/4 & 1 Bucket, AC H3.
MISC: NH L445 Skid Steer, Massey 2135 Turf Special Ft. Loader, Ford 515 w/Roadside Maintainer.

MISC.:

1976 GMC 5000 Truck w/45' Ariel Bucket; Brillion 12 Ft. Smooth Roller, Binkley Equipment Transp. Trailer w/28 Ft. Deck, JD #30 Potato Digger, 20 Front End Loaders For Various Tractors- Call For Info.- JD 145 Farm Loader, JD 148 Loader, Demco 500 Gal. Trailer Boom Sprayer, Like New, Meyer 00 Gal. 3 Pth. Sprayer, Century 250 Gal. 3 Pth. Sprayer, Used Asplund Chipper, New 18.4x38 Radial Tires. Also New & Demonstrated Harley Rock Rakes. Call For Information.

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Rt. 652, Midway Between Indian Orchard and Beach Lake.
WE SHIP PARTS DAILY BY UPS.
Honesdale, PA 18431
(717) 729-7117
Hours:
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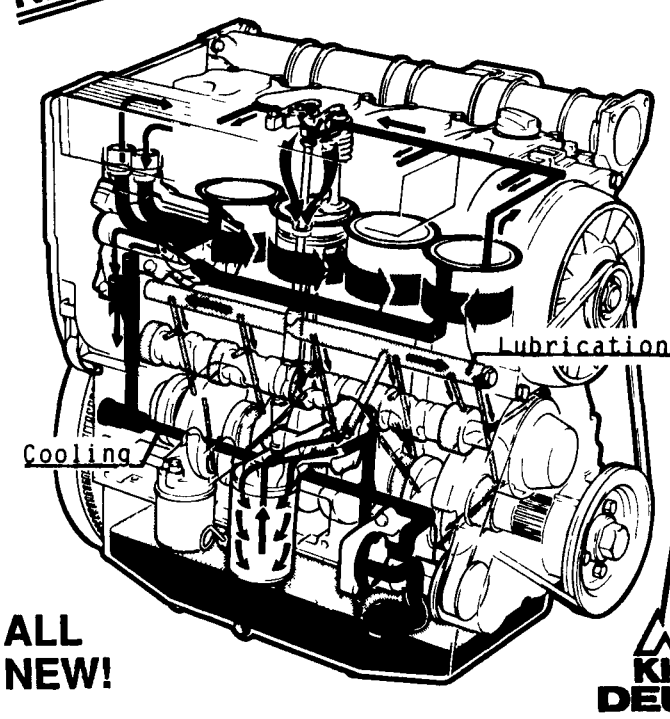
Sales, Service & Parts For Deutz Allis, Kubota, New Idea, Hesston, Bush Hog And Brillion

NEW

DEUTZ DIESEL



ALL NEW!

KHD DEUTZ

Series 1011 Diesel Engines -
QUIETER, SMOOTHER, SMALLER

Unique combination oil cooling & air cooling system offers the best of both worlds in a small portable diesel. Very quiet operation plus the high reliability and compactness of an air cooling system

Built in 2 cyl., 3 cyl. & 4 cyl. versions. Sized at 42 CID per cylinder. Output of 15 HP up to 50 HP at up to 3000 RPM.

EXCELLENT PORTABLE EQUIPMENT ENGINES

- Distributed By -

Stauffer Diesel Inc.

46 Pleasant Valley Road
Ephrata, PA 17522
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All Combines Sold—
Free Parts For One Season
If In Our Parts Lot.

Dismantling For Parts:

Combines	Harvesters	Planters
Cultivators	Haybines	Plows
Discs	Mowers	Spreader
Drill	Pickers	Tractors

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 82, 80, 76, 74. JD: 7720, 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40. MF: 760, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC· Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 545, 535, 525, 430, 40, 35, 33. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH. 1400, 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads.

Financing or Lease Available

COMBINES
75 To Choose From

JD 4400 gas w/heads
JD 7700 gear diesel w/heads
JD 7700 diesel hydro w/ heads
JD 6600 hydro side hill w/ heads
(3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea.
JD 4400 diesel w/grain head, $6,950
JD 4420 diesel w/215 flex, choice of corn heads
JD 6600, diesel, hydro w/ heads
JD 55 w/12' Grain, $2,000
1977 JD 6600 side hill w/6R 30" SOLD grain, $17,000
1976 AC M diesel, hydro, w/ choice of 6R black, 4R 30" black, or 4R 38" & black flex grain
AC F2 diesel, cab, choice of heads
AC F2 w/corn & grain head
AC FKS diesel, choice of heads
AC FKS dsl. w/heads $7000
AC Gleaner F2, hydro diesel w/heads
AC C2 diesel w/grain 4R 38" & 4R 30"
AC late C2 w/grain & 4R corn, $3,950
Gleaner F2 w/heads
(2) C-2 Gleaners w/4RW for 4RN & grain head
MF 510 gas, cab & heads
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
MF 410 diesel quick tach w/ heads
MF 410 gas, quick tach, choice of heads
MF 410 gas w/heads
(4) MF 410 diesel w/heads
MF 510 diesel, hydro w/ heads
MF 410 dsl., hydro w/heads
MF 300 gas w/heads
MF 300 diesel, quick tach w/ heads
MF 35 S/P w/8' grain head
IH 93 w/10' head, nice
IH 93, 10' hume reel, real nice
IH 203 w/grain
IH 203 w/heads
IH 315 cab w/heads
IH 715, gas, w/heads
IH 715 hydro diesel w/heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 615 gas w/810 flex, 2 or 3R corn
IH 715 hydro diesel w/grain & corn
NH 1500 cat dsl big rubber, grain & corn heads
NH TR70 Ford diesel, choice of heads
NH TR70 V8 Cat diesel hydro, big rubber, choice of heads
1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs
NH TR70 Cat. diesel, 4 row 30", 13' grain
NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
NH 1400 w/grain & 4R 38" corn, $4,500
NI 702, V6, uni w/sheller & combine
Oliver/White 7600 w/quick tach heads
Oliver 525 cab, 10' grain & 2R corn

TRACTORS

Cat 933 F series crawler loader
MM 5 Star, 3PT, PS
Massey 33 w/loader
Massey 30, nice
Kubota B6000 E, lawn type, diesel, w/3PTH
Case 1740 diesel skid loader, $2,500
Case SC w/loader, nice
Case 430 w/loader
1952 Ford 8N hour meter, real solid tractor
1952 Ford 8N, new tires w/ step up
IH 806 NF, needs motor
IH 1456 diesel, WF
IH 856 dsl. WF
IH 706 diesel, WF, 3PT, good shape, $5,000
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 340 low utility WF, PS
IH 450 gas, PS
IH 664, utility, diesel, 3PT, $3475
JD 3020 dsl. p shift, WF
JD 2010 gas 3PT
(3) JD A late models
(2) Farmall Super H, good paint
IH 3444 ind. diesel w/loader & 3PT, $5,500
AC WD 45 live PTO
AC HD5 crawler/loader
AC C w/side mtd. mower
AC D19, WF & 4 bottom 16" plow, $2500
AC D19, WF, jump out 3rd gear
AC D19 dsl. trac. w/ldr.
AC D19 dsl turbo, 3PT, SOLD WF, nice
AC HD5 diesel crawler loader
AC D17, diesel, WFE & loader, $2600
Farmall A w/loader
Farmall Super MTA
Farmall 230 w/fast hitch
1939 Farmall H, $1175
Farmall Super MTA
Farmall H
Farmall M, like new tires
Farmall Cub 1PTH w/ cultivator, disc & rotary mower
(8) Farmall F14, 2 w/ mounted plow
Oliver 770 gas, WF
Oliver Super 88 WF
Oliver Super 77 gas
Oliver Super 66 WF
Oliver 1755 gas, WF, 3PT, real nice
Oliver 1655 diesel, WF, $4,500
Oliver 60 & 66, nice
Oliver OC3 crawler w/PTO & pulley
Oliver crawler w/roll guard
IH 3444 industrial dsl w/3PT & loader, $4,500
IH 806 diesel, WF
IH 504, power steering, 3PT
IH Hough Payloader
IH 400 Dsl. w/power steering
C Allis w/belly mower
MF 1085 w/multi power, $5500
Ferguson 30, 3PT, $1,950
Steiger Wild Cat w/210 HP, Cat 4WD 3PT duals front & back
Super C w/fast hitch

LOADERS

Artsway w/hyd. bucket
(3) Fords w/hyd. bucket
IH 2000 w/bucket
IH Cub or Super A loader
Snow blades for loader or front mounted
JD 46 loader
JD 45 w/mts.
NI hydro. bucket

SPREADERS

JD 40, hyd. endgate, $700
NI late 243, nice
NI 214 w/gate
NI ground drive, nice

ROTARY MOWERS

(2) JD 6' pull type
Woods batwing mower
Bushog 12', HD
JD 707, 14', repainted
(3) IH semi & trailer belt drive
Woods 12' pull type
(2) Ford, 3PT
Ford 6' pull type
2 Woods 7' trailer
20 New 6' 3PT IHMC
3 pt. 6, 7 & 8'
Also pull types.
Rotary mower
Brillion 6' pull type
Ford 7' 3PT

PLOWS

AC 4 bottom 16" semi
Oliver 6 bottom 16" onland hitch, $1200
Oliver 3 bottom 16" 3PT
Oliver 3 bottom 14" 3 pt.
(2) Oliver 3 bottom 16" trailer trips
IH 3x16, 3PT, plow
IH 5 bottom 16" 710 spring reset, $2500
IH 2 & 3 bottom drag plow
IH 700 5 bottom 16" spring reset, nice
IH 700, 5 bottom, auto. reset
IH 550, 5B, 16", nice, $1150
JD 5 bottom 18" spring reset plow, nice
(2) JD 4B 16" 3PT
JD 1450 5 bottom 16" trip hillside hitch
JD 7 bottom 16" on land hitch, w/front wheel
JD 5 bottom 16" F145
JD 3 bottom 16" 3PT, nice, $600
IH 700, 5 bottom, 16"
Trailer plows
IH 4B 14', new bottoms, $875
(2) IH 660 6B 18" trip, $1095-$1200
JD 1450 5B 16" hillside hitch, $1385
MF trailer chisel plow high clearance, $2485
IH 650 6 bottom trip, nice
JD 1450 5 bottom 18" trip, $1500
JD 4 & 5 btm.
Ford 142, 3B, 16" spring reset, 3PT, $1,200
Ford 142 5 bottom 18" onland hitch w/front furrow wheel & spring reset, same as White
Ford & JD 3PT 2-btm.
Plows, 2 to 7 bottom
JD & IH 3 & 4 bottom drag plows
White 8 tooth pull type chisel plow

SAFEMARK DEALER

HAYBINES & RAKES

AC 490 9' haybine
(3) Hesston 10' hydro swing
IH 990 9'
IH 990 7' cut, $1200
IH 225 10' SP w/IH water cooled motor w/½ cab
IH hay rake, $425
JD 1209 9'
JD 1207 7'
(2) SOLD 9 9'
JD 640 rake
JD 640 rake w/dolly wheel, excellent
JD 3PT mower, nice
MC 7' flailbine
(2) NH 495, 12'
NH trail type mower
NH 488, 9' haybine
NH 479, 9'
NH 467, 7', $1200
NI 7' flailbine
Oliver rotobar rake

BALERS

NH 850 round baler, $2450
NH 852 round baler auto wrap
NH 275 w/thrower, gone over
NH 273 w/ or w/o thrower
NH 66 w/motor working order, $450
JD 24T w/thrower
JD 24T w/or w/o thrower
Hesston 5600 round baler, $3,975
Vermeer round baler, $2,950

MISC.

Orchard sprayer w/power unit
JD 6R tool bar cultivator
IH 4R front mtd. cultivator fits IH M thru 560 & 656
IH fits H or M loader
IH fast hitch mower
JD 350 3PT mower
NH 456 pull type mower w/ crimper hitch
NI 3PT mower

CORN PLANTERS & DRILLS

(2) Ford 3PT planters, $325 each
IH 620 w/press wheels soybean drill
IH 400 air planter, 4R, no-til, $1200
(2) IH 56 4R disc open
IH 400 6R 30", air, PTO, nice
IH 2R pull, $100
IH 2R pull planter, $160
IH 510D disc grain drill
IH 510 drill w/fertilizer & grass seed, nice, $1750
JD 7000 4R dry fertilizer
JD 1440, 4R, no-til, $1450
JD 1240 plateless
JD 1240D disc, 4R, $750
JD 246, 2R, 3PT
JD 17 double disc FBB
JD 494A double disc, nice
White 5400 air, 6R, 30", liquid fertilizer

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows

New Trailers, all sizes
Fert. Spreaders
Cement Mixers

GRINDER/MIXER

(2) Gehl grinder/mixer
IH 1150, real nice
NH 354 Long auger big rubber, excellent screens, $2900

DISC HARROWS

IH 315 roller harrow, inside wheels, nice
(2) off-set discs from 8' to 11'
JD 8' wheel disc, real nice
JD 10 to 14' RWA discs
JD 12' TWA plowing disc, $2750
(2) JD 8' & 9' wheel discs
HD 28' dbl. fold wheel disc, $2850
8, 10, 12, & 14' Wheel Disc
7 & 8' drag discs
Gd. sel. of wheel discs
Brillion 12' roller harrow, $1350
Brillion 12' wheel harrow
AC 2600 27' dbl. fold wheel disc, $3600
Chatanooga 12' roller harrow inside wheels, $1650

HARVESTERS & UNLOADING WAGONS

Gehl 6' flail chopper
NH 880 w/2R head, nice
NH 770 w/2R head
(2) NH 33 flail chopper
NH 36 flail chopper
JD 16A 6' flail chopper nice
JD 38 w/pickup
JD 35 w/2R head
JD 216 tandem wheel unloading wagon
JD 38 SOLD head
(2) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
Kaster, 3 beater w/roof, same as IH, next to new
IH 720 w/2R 38" or 30" corn head, nice
IH 8 flail choppers, next to new
IH 8 6' flail chopper used very little
IH 5 direct throw flail chopper
IH 110, 3 beater, unloading wagon w/roof
IH 720 w/2R head
IH 550 w/heads
(2) IH 550, 2R, & pickup, $500
IH 350, 1R, & pickup. $400
IH 7 flail chopper
NI 768 WN 3R 30"-38" head
AC 780 2R chopper w/ pickup
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon

WIDE FRONT ENDS & DUAL WHEELS

Farmall A
Ford 6000
IH 400, 450, 460, 560
JD 2010
MF 65
Massey 101, 30 & 33
Oliver 770, 880
15x38"; 16x34"; 18x34"; 16x28"; 18x26"

(2) NH 1044 Stack Liners $5,500/each
(2) Hesston 1091 Mower Conditioenrs, $2,200/each
1070 Case 2942 hours, WF, dual remote, $6,500
NH 358 Grinder Mixer, $4,800
NH 892 Harvester, Metal Alert, electric controls. Corn and haylage head $9,500
Steiner Model 180 bushel rotary mixer, 3 yrs. old, 3600 lb. capacity $8,500
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WHITE FARM EQUIPMENT

NEW EQUIPMENT

WHITE-
FB 31, 4WD w/Loader
FB 37, 4WD w/Loader
598 5/6 Bot. Plow
5100 4-Row Planter w/Dry Fert.
American Series 60, 4WD, Green

KUHN-
11' 6 Rake & Tedder

GEHL-
HT 243 Tedder
FB 1540 Blower
FB 1560 Blower
MC 2170 Mower Cond.

BRILLION-
Deep-Til Implement
14 Ft. Spring Tooth Harrow

NEW IDEA
FARM EQUIPMENT

NEW IDEA-
3618 Spreader
3622 Spreader
3632 Spreader
406 Hydraulic Rake
484 Round Baler
5109 Mower Cond.
5209 Disc Mower Cond.
5407 Disc Mower

USED EQUIPMENT

NI 323 1-Row Cornpicker
NI 400 Rake
Gehl 4300 Skid Steer Loader
Allis 185 Diesel Tractor

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

1a CONSTRUCTION EQUIPMENT

1974 Lucky log loader, 1350 RM, by pass grapple, mounted on IH 1600 single axle, good condition. 717-788-1987

1978 JD 450C crawler loader with ripper and canopy, 1200 original hours and in excellent condition. Call after 9PM Cresson, PA 814-886-5082.

1984 580E backhoe, 4WD, extend-ahoe, heated cab. 1972 Diamond Rio tandem dump truck, 220 Cummins, 13 speed. 1984 General Tag-along trailer. 1973 CAT 941 track/loader. (609)447-4169.

450 JD dozer, 6-way angle blade, excellent condition, $9,600 OBO. (301)391-4420.

Dismantling For Parts: Heavy construction equipment, most makes and models, parts locater system available. Balanda Equipment Co. Palm, PA 18070 1-800-322-8030.

Eager Beaver 20 ton Tag Along, air brakes, excellent condition, $7,000. 301-795-8476.

FOR SALE: Bulldozer JD 350, ROPS, 6-way blade, shed kept on farm, very good condition, $8,950. Carroll County. (301)262-9037 anytime.

FOR SALE: Case 580G loader backhoe, 1986 model, 700 hrs., excellent, $19,500. Call 215-682-7716

FOR SALE: John Deere round baler #410 makes 4'x5' bales, excellent condition, never set out $5000 or best offer. 814-274-9388.

FOR SALE: Model 240 Jetcrete machine with 600CFM compressor truck mounted spider staging. Also Model M422 ditch witch trencher. Serious inquires only. 1-800-837-2202.

HD6 AC dozer, needs undercarriage repairs, will dismantle for parts $2200 or make offer. 717-292-4273 Nights.

JD 350 dozer, manual angle tilt, rebuilt rear end, transmission new clutches, motor overhauled, new oil and injection pumps, undercarriage very good, asking $9,000. (717)349-2992, 8-9 a.m.

JD450 dozer $7900.00; INT. 500 loader, many JD loaders/dozers/backhoes. Call JD EQUIPMENT 215-679-5958.

Massey Ferguson 200 trac loader, needs right final drive, has new rails, sprockets and injector pump $2400. Will part out. 814-274-9388.

CAT 941 Crawler Loader 5 to choose from $14,000 & Up
Detroit Engines 8V71 6V71
371
Starting from $500 & up
All Good Running Engines
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1-800-252-0"CAT" Days

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Backhoes, Loaders, Crawlers, Dozers, Etc.
Currently Available:
Backhoes: Dynahoe 190 4WD 76 Series; Ford 3500; Case 580B; Case 580C; Case 480C; Case 480D; Case 580 Super D w/cab and extend-a-hoe; JD 310A w/cab; Ford 555 w/cab.
Crawlers: IH TD12 6 way; JD 450C C/L/B.
4 WD Loaders: Case W14 w/cab; Northwest skid steer model 81D; Case 1845B.
Miscellaneous: Ford 3 pt. mower model 917; Woods C80 mowers.
Inventory Changing Daily. Call for current prices Located in Eastern Baltimore County, Maryland
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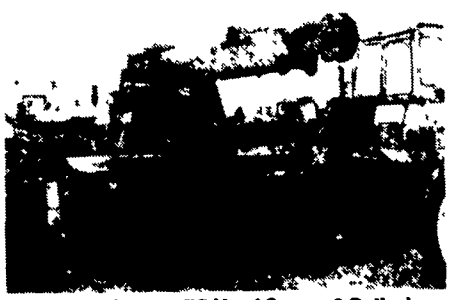

1954 Pettibone 27C Yard Crane, 6 Cylinder Crysler Gas, 5 Ton Capacity, 16' Reach, 180° Swivel, 10x20 Tires, Only 1641 Hours, Has Been Setting And Never Used Much.

Was ~~$8,900~~ ~~$6,900~~
Now $5,900

1960 Ottowa 25 Ton Lowboy Trailer, 15' Flat, 7' Over Tires, 5' Beavertail, Ramps, 28" High, 8.25x15 Tires.

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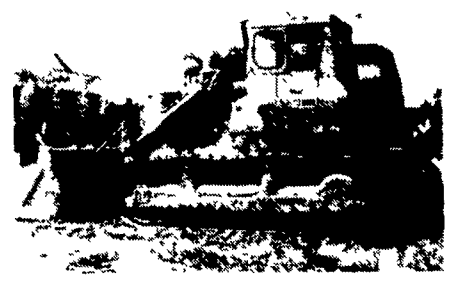
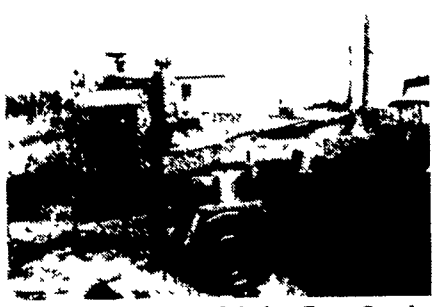


1969 Cat 983 Track Loader, Cab, 6 Counterweights, GP Bucket With Teeth, Runs Out Good.

Only $39,500

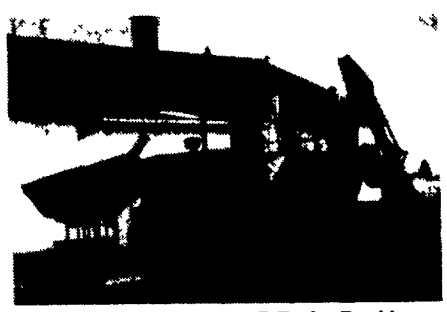
1987 Esslck 1½ Ton Vibratory Roller, Very Good Condition.

Only $5,900
(Save Over $4500 From A New One)



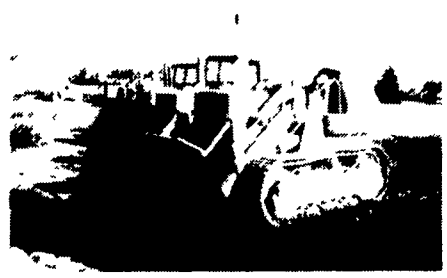
Wayne SK65 Stump Grinder- Runs Good, Gas Powered.

Was ~~$8,900~~ ~~$6,900~~
Now ~~$4,900~~



1983-84 John Deere 410B Turbo Backhoe, Original Paint, Enclosed Cab, Wrist-A-Twist Hoe Bucket, New Rear Tires, 80% Front Tires, Runs Strong, Clean Machine.

Was ~~$24,500~~
Reduced To $20,500



1973 Cat 955L Crawler Loader, 85% Undercarriage, Recent Motor Rebuild, New Paint, A Good Buy, And A Good Machine, GP With Teeth.

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Now $25,500

1975 Komatsu D315 Crawler Loader, Cab, Rebuilt Undercarriage, GP With Teeth, Good Operating Condition. You Will Like The Way This One Checks Out.

Reduced From ~~$15,900~~
To $10,500 For Quick Sale
A Good Buy

IH 3082 3 Point Backhoe.

$2850

8 Other 3 Pt. Backhoes On Stock

Case 480E Tractor Loader Backhoe, Put In Service In 1987, Cab, 744 Hours, Like Brand New Condition Front To Back.

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1969 Case 350 Loader- Runs And Operates Decent, Looks Good, Fair U/C.

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- 2 Axle, 5 Ton, 14 Ft. $1,750
- 2 Axle 5 Ton, 16 Ft. $1,850

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IH 500 Diesel 6-Way $3900
IH TD9-92 ..... $3900
JD 430 ..... $5900
JD 440 ..... $6500
(2) JD 350 ..... $7900 to $8900
Case 450 ..... $12,500
Cat D3 6-Way $12,900
JD 450 ..... $14,900
(2) Cat D4D .... $9500-$14,500
Case 450B-6 Way $18,500
JD 450D-6 Way .. $26,500
Cat D5B $29,500
JD 450E $32,500
IH TD 25C w/Ripper $55,000
Case 450B 6 Way LGP 1980 ..... Call

(8) TRACTORS WITH LOADERS

Kubota 285 ..... $4500
MF 40 ..... $5900
JD 650-4WD-3 Pt.-PTO $6800
Ford 1500-4WD $6800
Ford 3400 ..... $7900
Ford 335 ..... $8500
IH 260A $9500
Kubota 2550-4WD . $9900

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Oliver OC46 ..... $3900
IH 100B $5900
Case 350 ..... $7900
IH 125C $7900
(2) Case 450 ..... $6900-$10,900
(3) JD 450 $7900 to $11,900
Komatsu D31-Cab $10,500
(2) 450 w/Hoe .. $11,900-$13,900
Case 1150B $13,900
Cat 931-Cab $15,400
JD 455-Cab-Hoe $21,500
JD 555 ..... $21,500
Cat 941B $24,500
Cat 955L $25,500
Case 455C $29,500
Case 855C $29,500
Cat 977L-Ripper $36,500
Cat 983 w/Cab $39,500
IH 125C ..... Coming In

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Tree Farmer $2900
JD 440 ..... $3900
Pettibone PT 18 .... $3900
Tree Farmer C5D .. $4900
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JD 640 w/Grapple $9500

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2 Axle 7 Ton Tag-A-Long $1500
1989 2 Axle 5 Ton ..... $1750-$1850
New 4 Ton Dump Trl. $1800
Hudson 6 Ton Tag-A-Long $1900
New 5 Ton Dump Trl. $2100
1972 Fruehauf 43' Flat $3500
25 Ton Lowboy $4500
35 Ton Lowboy $4500
1986 9 Ton Gooseneck $4900
New 25 Ton Tag w/Air $10,800

(8) RUBBER TIRED LOADERS

IH 500 ..... $3900
Case W7E $6900
Waldon $7,900
Cat 922B-Cab-Diesel $9,500
Clark 75B-Cab $17,500
Ford A62 ..... $18,500
JD 544B 1980-Cab-New Tires $26,500
Ford-A66 ..... Call

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White 40 LP $5900
AC I-600-21' $8900
Clark 8000 lb. Gas $11,500
Komatsu FG40 1980 8000 Lb. & Triple Mast $14,500
Case 586C $18,500
Sellick Teleporter-1984 247T. 4WD. Forks & Bucket $22,500

(11) TRUCKS

(5) 1953 to 1960 Chevy Pickups .. From $1800
1980 Chevy C30 .... $3250
1971 IH 1X Dump . $3500
1972 Chevy 35' Bucket Truck ... $4800
1985 Jeep Wagoneer $7600
1985 Ford E350 Mini Bus $12,250
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(9) Rigid Hoe Attachments ..... $2500 & Up
(6) 3 Pt. Hoe Attachments ..... $2850 & Up
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Ford 4500 ..... $4200
Ford 4000 ..... $4900
Case 480CK $5900
Case 530CK $5900
IH 2504-Gas $6900
Ford 3400 Gas $7900
Ford 4500 ..... $8500
Case 580B $8500
Case 580B-Cab ... $10,500
JD 510 ..... $12,500
(2) JD 410 ..... $13,500
Dynahoe Series 3 190 ..... $16,500
JD 410-4WD-1984-Cab $18,500
JD 310B 1986 ROPS $19,500
JD 410B-Cab $20,500
Case 580 Super E $22,500
Case 480E-Cab ... $24,500

MISC. CONSTRUCTION

(100+) Used Hoe Buckets .. Come Look
(75) Loader Buckets .. Come Look
(75) Set Forklift Forks ..... Come Look
Ford 4500 Frost Tooth $395
3 Pt. Hitch For Case 580 ..... $695
JD 640B Log Skidder Blade $1000
Ripper $1500
Root Rake 7' $1600
(3) Tree Planters .. $350-$1800
(7) Winch Attach ... $1000-$3750
(2) 1-2 Ton Vibratory Roller .... $3500-$5900
Sheepsfoot Roller $3900
Schramm 160 Air Comp. $3900
Snowblower For Big Loader $3900
(3) Sweepers ..... $195 to $3900
Huber Maintainer .. $4900
(2) Tree Shearer . $2500-$4500
Sheepsfoot Roller . $4900
AC D Grader $4900
Jeagar 175 Diesel Compressor $4900
Wayne Stump Grinder $4900
Petibone 5 Ton Yard Crane $5900
Cat 977L Ripper $7500
Vermeer Tree Spade 44& On 4x4 Truck $7900
Construction Ramp $8500
JD 760 Scraper .. $13,700

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Boom Poles $125
King Kutter Scraper Blades 6', 7' And 8' ..... $225-$995
Seeders- Broadcasters-3 Pt. $395
King Kutter Stone Rakes 4', 5', 6', 7' & 8' ..... $395-$595
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King Kutter Discs 5½' And 6½'-3 Pt. ..... $495-$595
King Kutter Grading Boxes 4', 5½', 6', 7' & 8'. $495-$595
King Kutter Rotary Mowers 4', 5' And 6' 3 Pt. And Pull Type. $495 & Up
Aerator 5'- 3 Pt. $695
King Kutter Finish Mowers 4', 5', 6' & 7'-3 Pt. ..... $995-$1295
Long Rototillers 55", 63", & 71" ..... $1495-$1995

(7) SKID STEER LOADERS

Clark 533-Diesel $4900
Case 1845 ..... $7900
Koehring 1350 ..... $8900
Case 1835B-Gas $8900
(2) Case 1845 ..... $9900
Koehring 2150 .... $11,900

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CRAWLERS & BACKHOES
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EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

1976 JD 555 Crawler Loader w/ Backhoe, 24" Bucket, SN 259936T. Trackes & Undercarriage excellent cond. $16,900

MF 450 Track Excavator w/30" Bucket, Perkins Diesel, New Hyd. Pump, Good Cond. $4,500

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1a CONSTRUCTION EQUIPMENT

Case 580 Super E, loader/ backhoe, 4WD, closed cab, 1040 hours, $23,500. (301)391-4420.

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Case 1150B dozer 6-way blade, excellent condition $24,500.00; Case 1150B loader, very good condition, must be seen $19,500.00; 1-ton Stowe roller, Honda engine, brand new, $4,150.00. Call 215-435-9918.

Case 310 crawler loader, very good condition. 717/246-3571 after 6. York County.

FOR SALE 1977 Timber Jack model 208 $16000.00; 1968 tree farmer model C4 $6500.00; Newman 6x22" planer $3000.00. All equipment in good condition. Also, 2-UD 18INT power units for parts) Call (717)246-1786.

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6 ton Prentice Truck Crane, 26' boom. (301)478-5194.

950 Caterpillar rubber tired loader, $22,500. 215-268-8258

BACKHOE JD 302D w/3 pt., $5,200. 301-833-9091

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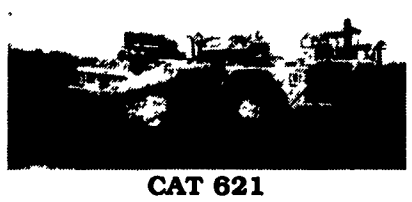

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1969 model, strong engine, cleaned and painted, $32,000

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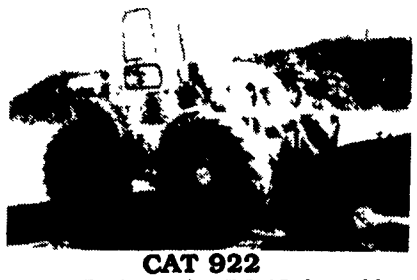
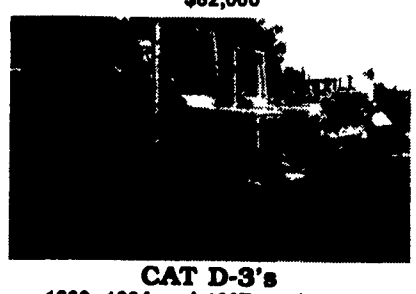
CAT D-8K
1977 model, cab, ripper, straight blade w/tilt, very good condition. Call today!
$85,000



CAT 922
Diesel Engine, cab, 17.5x25 tires, this machine might be old but it was one of the best cared for loaders you will ever see, excellent condition
$14,000



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1982, 1984 and 1987 models. All running and operating.
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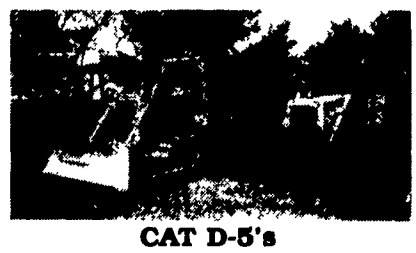

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1979 and 1981 models. If you are looking for two good dozers, please give me a call as these machines won't last long. Straight blades w/tilt.
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NEW JOHN DEERE 210C BACKHOE LOADER

60 H.P., 1 Yd. loader bucket, 18" Backhoe bucket. Ask about our special price! Call Today!

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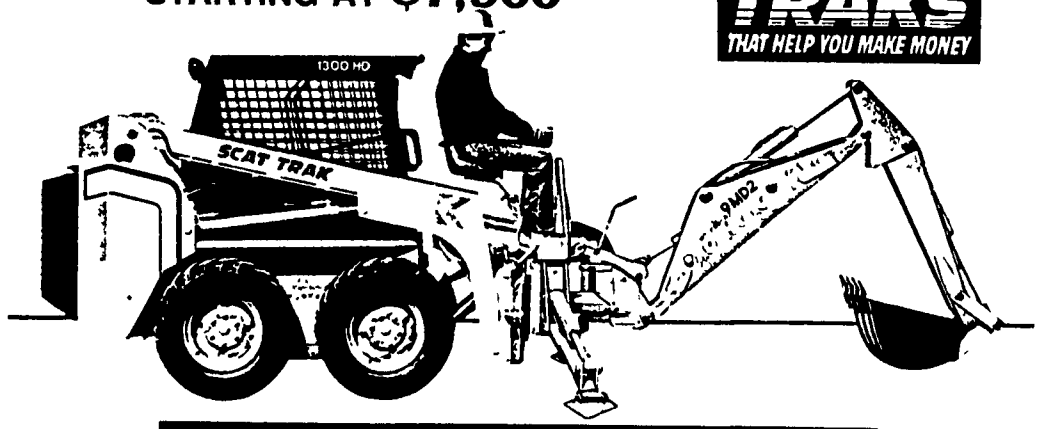

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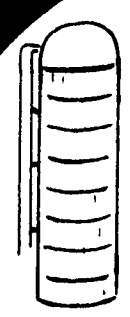

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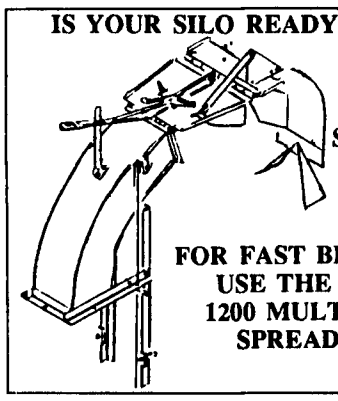

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Bucyrus Erie, 22W cable tool drilling rig. 2¾ x3¾ cable tools. 609-737-6519.

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Corn Head
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WANTED
Steiger tractor
Model 350 PTA,
engine condition
not important
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WARNING! DETERIORATING CONCRETE FROM CORN JUICE!

WARNING

WARNING! DETERIORATING CONCRETE FROM CORN JUICE!

Have you inspected your silo door system lately?

Failure to perform routine regular maintenance may cause a fall resulting in serious injury or death to you and your employees.

The highly corrosive environment present in a silo chute will result over time in the deterioration of wood, metal and concrete.

A proper safety inspection must include the following:

- Wood doors for rot and damage
- Bolts and bolt heads for corrosion and tightness
- Door steps for corrosion and damage
- Latches for corrosion and damage
- Cast-iron hinge eyes for tightness and corrosion
- Concrete door frames for deterioration and physical damage

(Doors must seat properly in door frames for latch systems to work effectively.)

Lancaster Silo Co., Inc.
2008 Horseshoe Road, Lancaster, Pa. 17601
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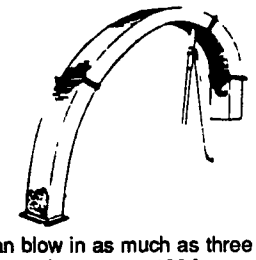
3 SILOS AND UNLOADERS

BADGER'S AGRI SERVICE

It's That Time Again, And We Are Here To Help You Get Your Harvestore® Ready For First Cutting With Quality Parts For Your Unloader

From Stahl Mfg., Inc.

AND
Lancaster Level-Flow Goosenecks To End Your Plugging Problems.



You can blow in as much as three tons of haylage a minute - over 100 feet up - with a new 12" center-fill Gooseneck from Lancaster Level-Flo
High profile and 33% larger diameter reduce friction to make plugging a thing of the past. And the Lancaster Level-Flo 12" gooseneck is fully enclosed to make sure your silage and haylage go into your silo - not on the roof

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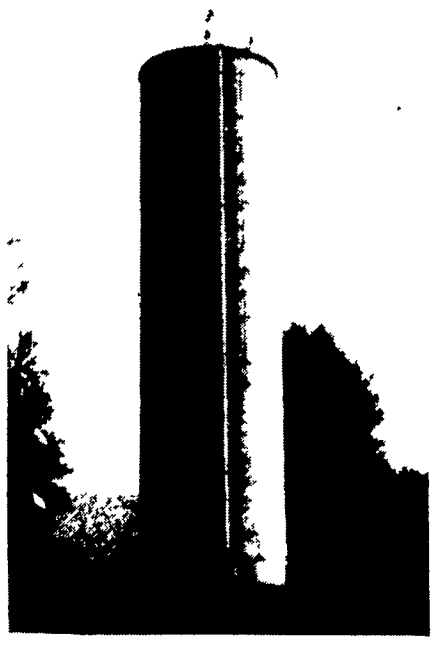
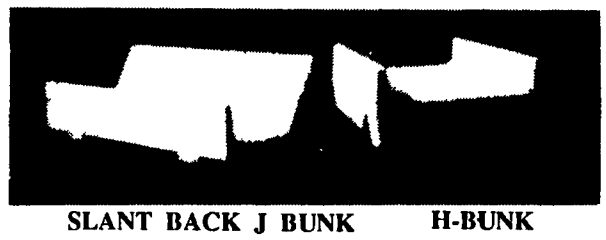
"Consider The Concrete Advantages"



The best storage system for high moisture cob corn is a poured concrete SOLLENBERGER SILO, with bottom unloading. The feed can be safely stored at less than 30% moisture, air is effectively excluded limiting mold growth, the silo is equipped with a distributor to keep separation to a minimum which means more efficient unloading and consistent ration. The 6" solid concrete wall reflects heat meaning that heat damage is minimized and feed is kept cooler. Now Is "Decision Time". Make Plans Now To Have Your Sollenberger Silo Erected In Time To Store Your High Moisture Ground Ear Corn.



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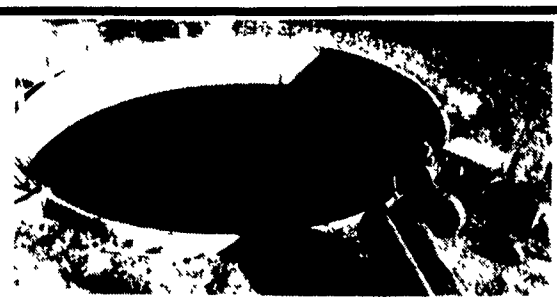
Let Us Know Your Needs. We Can Deliver From Our Large Inventory And Set On Your Prepared Site. OR: We Can Load On Your Truck To Help Save On Freight Costs. We Have Several Sizes And Styles To Choose From, Plus Metal Posts, For Cable, Which Can Be Bolted To The Bunk To Keep Cattle Out.



MANURE STORAGE SYSTEMS

- Manure Storage Systems For The Small Herd - or The 400 Cow Herds And Larger.
- Systems Adaptable To Any Type Equipment
- SCS Approved
- Circular Tanks Poured-In-Place Above Ground - In Ground - Or Uneven Backfill.
- Pre-Cast Concrete panels Delivered And Set On Your Prepared Site.

CONSIDER THE ADVANTAGES OF HIGH MOISTURE EAR CORN

Farmers who use ground shelled corn rather than ground ear corn when putting up high moisture corn (HMC) are not only leaving the cob in the field, but they are leaving at least $150. worth of milk per acre of corn in the field.

These remarks were made by Dr. Howard Larson, noted Mid-Western dairy nutritionist and management specialist.

Further comments based upon years of research included:

* Any amount of cob is better than none.
* It is not economically feasible nor best for the cow to feed high moisture shelled corn.
* It is not necessary to feed hay to dairy cows.

When cob is included with the grian, you not only get an extra 10 to 12 percent HMC by weight, but you get better digestibility in your cows. By adding the cob to the ration, you keep a floor of fiber under the total ration and fiber can supply a lot of energy; and you get better rumen action.

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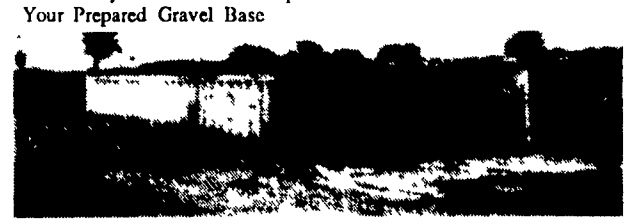
STORAGE FOR ANY FORAGE
Also Suitable For Grain Storage, And Practically Any Other Bulk Material.

The Sollenberger Pre-Cast Bunker Silo Panel Is Designed To Be Free-Standing. With The Tongue and Groove Edges It Can Be Coated With Mastic & Bolted Together To Give An Air-Tight Smooth Wall That's Easy To Pack And "Keeps Feed Good." Delivered And Set On Your Prepared Gravel Base



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Best Time To Call_____
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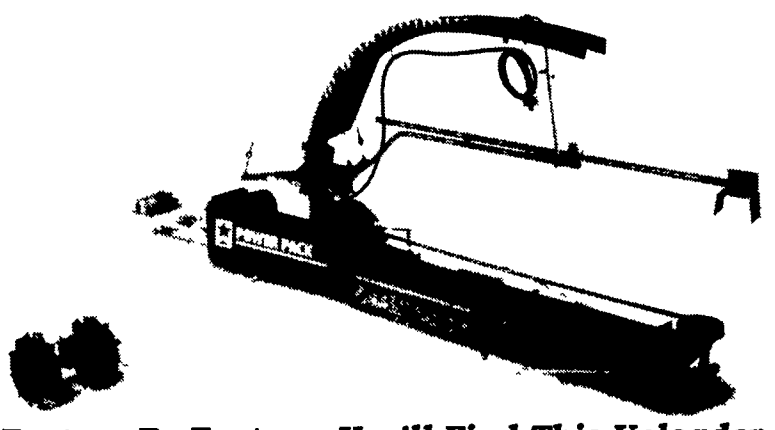

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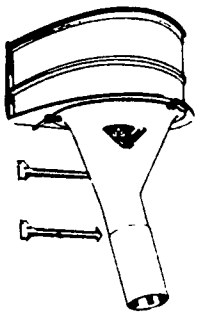

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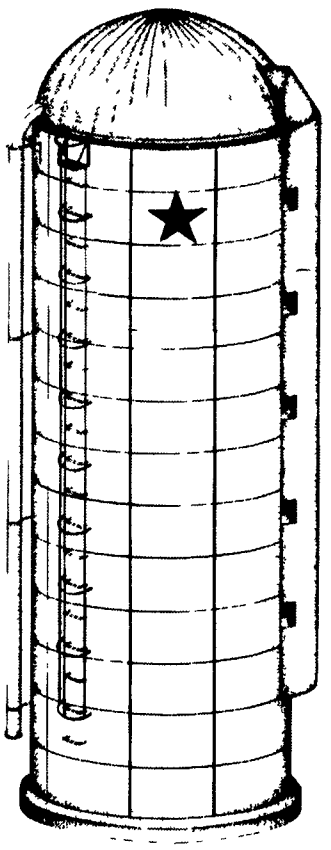

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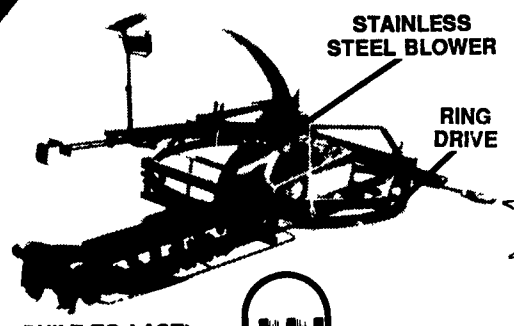

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Plus —

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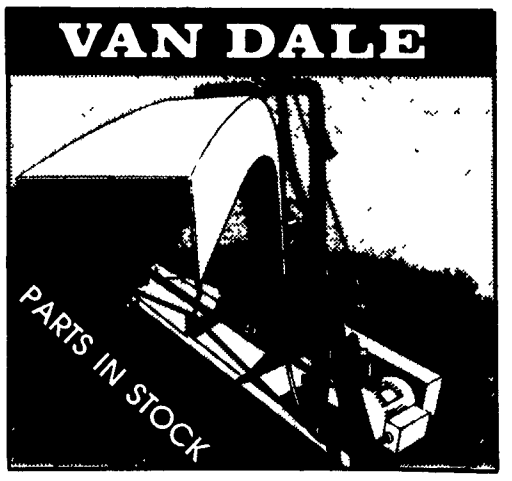

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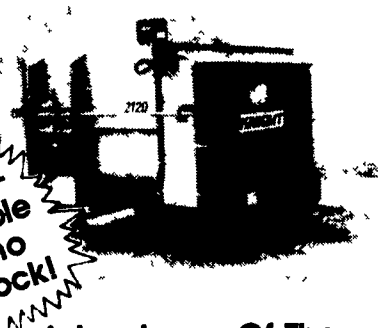
KNIGHT **Reel Auggie**
2000 Series
A new concept in TMR Mixers



Advantages Of The Reel Auggie Design

Ideal for mixing baled hay and cutting apart after being in mixer with corn silage and high moisture corn.
Dry matter hay appears better than haylage for this mixer.

If You Need A Mixer
GIVE US A CALL!

Farmers tell us they picked up as much as 3 pounds per day per cow in a 3 day period feeding TMR. It appears to us that you cannot afford to be without TMR!

8% FINANCING AVAILABLE ON TMR MIXER PURCHASE CALL FOR DETAILS!

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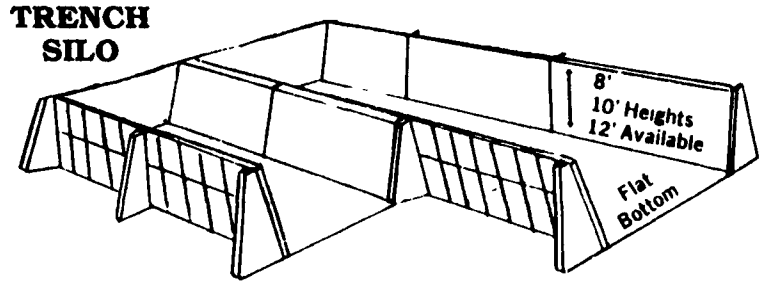

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Silo Unloader

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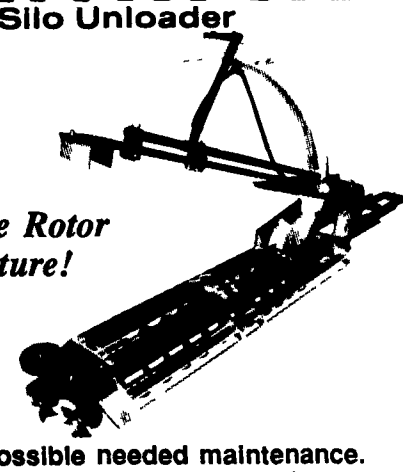

The Unloader With the Rotor Housing Of The Future!

- NOTICE - ALL SILO OWNERS

Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE. Please call for an inspection and estimate.

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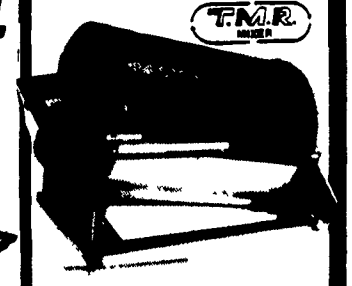

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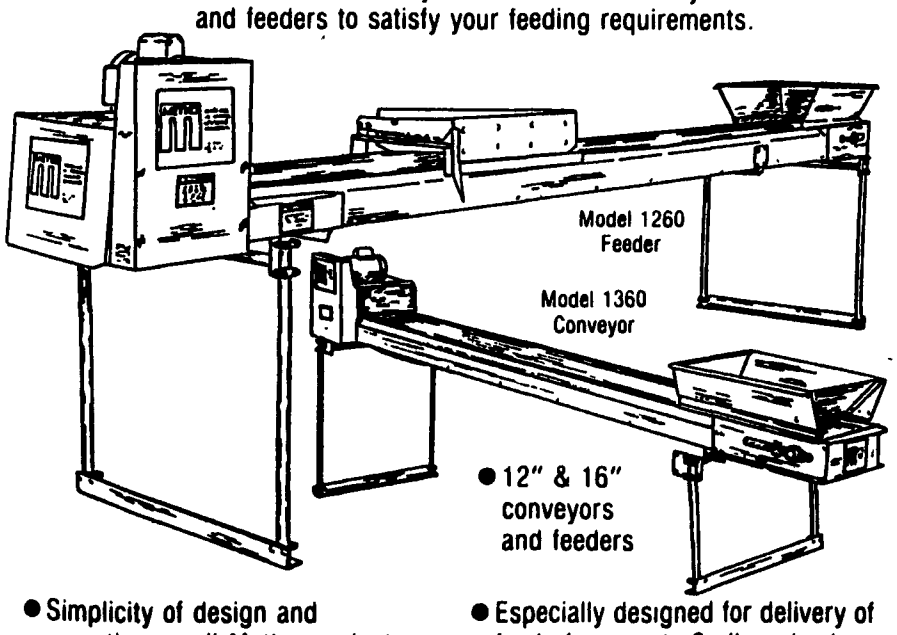

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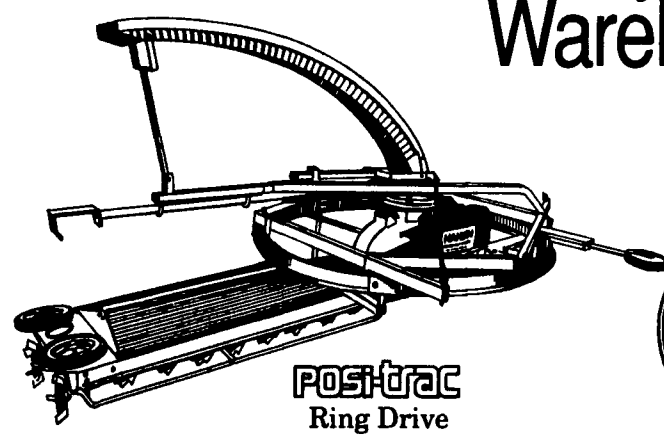

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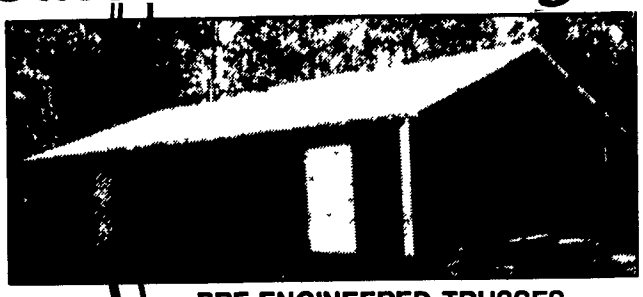

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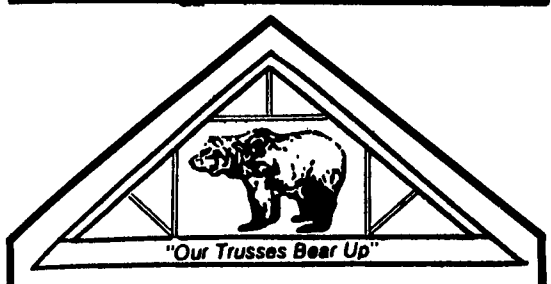

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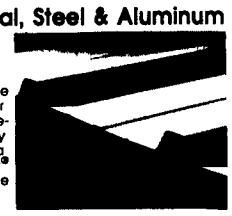

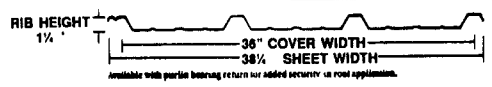

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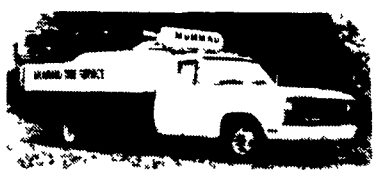

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18 4R42, ★★	
20 8R42, ★★	

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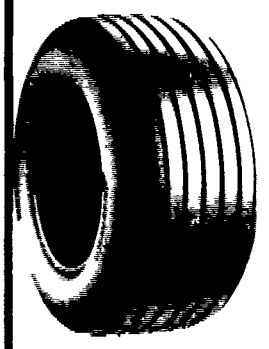

26 1200x12, 4 Ply	$53.00
8 51x14, 6 Ply	$51.00
9.5Lx14, 6 Ply	$52.00
9.5Lx14, 8 Ply	$53.00
9.5Lx15, 6 Ply	$48.00
9.5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply	$52.50
11Lx15, 6 Ply	$46.00
11Lx15, 8 Ply	$50.00
11Lx15, 10 Ply	$74.00
1000x15, 8 Ply	$63.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$88.00
12 5Lx15, 10 Ply	$78.00
12 5Lx16, 14 Ply	$98.00
12 5Lx15, 12 Ply	$90.00
14Lx16.1, 12 Ply	$161.00
16 5Lx16 1, 10 Ply Tubeless	$192.00
25x7.50x15, 4 Ply Tubeless	$48.00
25x7 50x15, 6 Ply Tubeless	$55.00
27x9 50x15, 4 Ply Tubeless	$59.00
27x9 50x15, 6 Ply Tubeless	$68.00
27x9 50x15, 8 Ply Tubeless	$73.00
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31x13 50x15, 8 Ply Tubeless	$112.00

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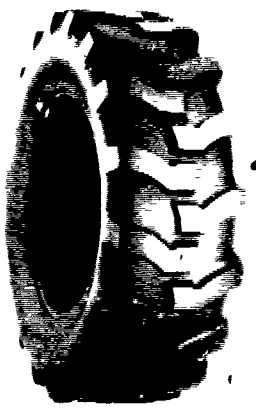

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16 9x24, 8 Ply	$289.00
16 9x24, 10 Ply	$394.00
16 5x28 8 Ply	$317.00
17 5Lx24, 6 Ply	$291.00
17 5x24, 8 Ply	$295.00
17 5Lx24, 10 Ply	$392.00
15 5x25, 12 Ply	$352.00
17.5Lx25, 12 Ply	$[illegible]
18 4x24, 8 Ply.	$419.00
18 4x24, 12 Ply	$497.00
19 5Lx24, 10 Ply	$470.00
19 5Lx24, 12 Ply	$517.00
12Lx24, 12 Ply	$602.00
20 5x25, 12 Ply	$833.00
23 5x25, 12 Ply	$1,265.00
23 5x25, 16 Ply.	$1,340.00

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14.9x24, 8 Ply	$256.00
16 9x24, 6 Ply	$264.00
16 9x24, 10 Ply.	$350.00
18 4x28, 10 Ply	$415.00
1300x24, 10 Ply	$278.00
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14 9x24, 4 Ply	
14 9x24, 6 Ply	
14.9x24, 8 Ply	
16.9x24, 6 Ply	
16.9x24, 8 Ply	
14.9x26, 6 Ply	
18.4x26, 6 Ply	
18.4x26, 10 Ply	
23.1x26, 8 Ply.	
11.2x28, 4 Ply	
12 4x28, 4 Ply	
13.6x28, 4 Ply	
13.6x28, 6 Ply	
14 9x28, 4 Ply	
14 9x28, 6 Ply.	
14.9x28, 8 Ply	
14 9x28, 10 Ply.	
16.9x28, 6 Ply	
16.9x28, 8 Ply	
16 9x28, 10 Ply	
16.9x30, 6 Ply	
18 4x28, 6 Ply	
18 4x30, 6 Ply.	
23.1x30, 8 Ply	
24.5x32, 10 Ply	
16.9x34, 6 Ply	
18 4x34, 6 Ply.	
18.4x34, 8 Ply	
20 8x34, 6 Ply	
20.8x34, 8 Ply.	
23.1x26, 10 Ply	
23.1x34, 8 Ply	
11.2x38, 4 Ply	
12.4x38, 4 Ply	
13.6x38, 4 Ply	
13.6x38, 6 Ply	
14.9x38, 6 Ply	
15.5x38, 6 Ply	
15.5x38, 8 Ply	
16.9x38, 6 Ply	
16.9x38, 8 Ply	
18.4x38, 6 Ply	
18.4x38, 8 Ply	
20.8x38, 8 Ply	
20.8x38, 10 Ply	

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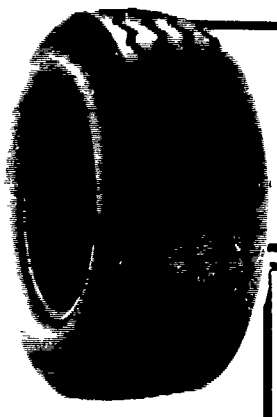

11Lx15, 8 Ply	$87.00
11Lx15, 10 Ply	$102.00
11Lx16, 8 Ply	$104.00
750 800x16, 10 Ply	$99.00
11Lx16, 12 Ply	$137.00
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11Lx16 10 Ply — CALL FOR SPECIAL

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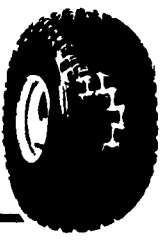

20x7 00-8	$38.00
21x7.00-8	37.00
22x11.00-8	42.00
22x8 00-10	45.00
22x11 00-10	50.00
25x12-9	60.00
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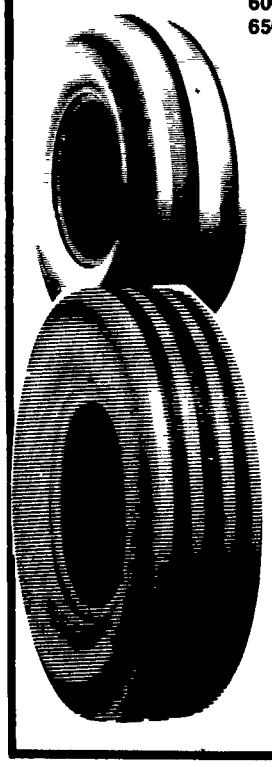

400-12	
400-15	
400-19, 4 Ply	
500-15	
550-16, 4 Ply	
550-16, 6 Ply	
600-14, 6 Ply	
600-16, 4 Ply	
750L-15, 6 Ply	
750-16, 8 Ply	
750-16, 6 Ply	
750-18, 6 Ply	
750-20, 6 Ply	
9.5L-15, 6 Ply	
9.5L-15, 8 Ply	
10.00-16, 6 Ply	
11Lx15, 8 Ply	
1100-16, 8 Ply	
14L-16 1, 8 Ply	

★ 4-RIB ★

11L-15, 8 Ply	
10 00-16, 6 Ply	
10 00-16 (TL), 6 Ply	
10 00-16 (TL), 8 Ply	
11 00-16, 6 Ply	
11 00-16, 8 Ply	
11 00-16 (TL), 8 Ply	
14L-16 1 (TL), 6 Ply	
14L-16 1, 8 Ply	
16 5L-16 1 (TL) 8 Ply	

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750x15, 8 Ply.	$71.00
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12-16 5, 8 Ply	$125.00
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10-16 5, 6 Ply	$110.00
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Youse, Marshall Are FFA Stars

VAL VAN TASSEL
Berks Co. Correspondent

KUTZTOWN (Berks Co.) — Scott Youse and Eric Marshall were selected as star farmer and star agribusinessman at the Berks Co. FFA Banquet recently. More than 125 FFA members and their guests were on hand to see the two high school seniors pick up their awards. Youse, a student at Oley Valley High School, has 15 dairy animals and was honored as the state's dairy proficency winner last spring. He is presently working on his family's dairy farm. He will be attending Delaware Valley College in the fall, majoring in dairy science.

Marshall, this year's county president, is a student at Twin Valley High School. Marshall has put in more than 1,500 hours working at a local greenhouse.

He wants to run for state office in the FFA in the future.

County chaplain Jeannine Seidel presented Donald Reinert with a Berks Blue and Gold Award. Reinert is retiring after 30 years of agriculture teaching, most of it in the Kutztown School District. Reinert was recently honored by the state Young Farmers Organization with an honorary degree. He was the first ag teacher to receive the award.

Special recognition awards were given to the Pioneer Grange and Charles Suloff. The grange bought the champion hog at the FFA roundup. Suloff, a former Berks Extension agent is the president of the Blue Mountain Cooperation Council.

Honorary degrees were conferred on Dr. Leo Lenick, principal at Hamburg Area High School; Rick Kauffman, Berks Co. extension agent; and Larry Hepner, the coordinator of the Delaware Valley College workshop.

Chapter Star FFA members from each of the Berks Co. six chapters were given $50 savings bonds. Receiving awards were Lorraine Gechter, Conrad Weiser; Wendy Jesiolowski, Oley; Brian Tworkoski, Jutztown; Dale Stauffer, Tulpenhocken; Jonathan Grimes, Hamburg; and Brian Beam, Twin Valley.

Hamburg's Brad Werley and Eric Marshall of Twin Valley were their chapter's star agribusinessmen. They also received bonds. A number of first-year members were recognized as chapter greenhands, including Tammy Gelsinger, Conrad Weiser; Charlie Houp, Oley; Michael Moatz, Kutztown; Andy Bicksler, Tulpenhocken; Sandra Gross, Hamburg; and Andrew Mast, Jason Mantz, and Ryan Marshall, Twin Valley.

Eric Marshall and Scott Youse, left, were named Star ag businessman and star farmer at the Berks Co. FFA banquet.

New officers were installed. Rodger Bashore, Oley, will lead the 1990-91 officer team. Other officers include Randy Balthaser, Wendy Jesolowski, Margaret Yarmush, Ryan Marshall, Brian Tworkoski, Todd Rabenold, and Dale Stauffer.

The Berks Co. FFA recently elected new officers. Left to right, Wendy Jesolowski, Tracey Borkey, Margeret Yarmush, and Ryan Marshall. In the back row, left to right, Roger Bashore, Randy Balthaser, Brian Tworkoski, Todd Rabenold, and Dale Schaeffer.

Trophies for a number of contests were given to top individuals and teams. Winners of fall contests are agronomy, Pam Harrison, top individual, Oley Valley team; wildlife, Tom Bernard, Twin Valley team; livestock, Mike Hix, Hamburg team; ag mechanics, Nathan Keller, no team; dairy judging, Paula Hunter, Hamburg team; dairy foods, Pam Harrison, Twin Valley team; pleasure horse, Erica Hess, Twin Valley Team; other grains, Rodger Bashore, no team.

Spring contests were won by the following individuals and teams: small gas engines, Jason Trego, Twin Valley team; farm management, Duane Stump, no tea; meats, Tammy Gelsinger, Oley Valley team; forestry, John Rost, Twin Valley team; land judging, Loretta Lump, Tulpehocken team.

Public speaking winners include creed speaking, Jenny Grimes, Hamburg; prepared speaking, Katie Stewart, Conrad Weiser; conservation speaking, Michele Troutman, Conrad Weiser; extemporaneous speaking, Carl Dietrich, Hamburg; and Jr. speaking, Amy Seifarth, Conrad Weiser.

Berks County also holds a number of special contest for individuals, including job interview, Brian Putt, Twin Valley; chapter Quiz, Margaret Yarmush, Twin Valley; and greenhand contest, Paula Hunter, Oley.

Bob Prail of the Pennsylvania Game Commission, presented Twin Valley with the statewide Award. John and Dave Rost were honored for their participation in the Southeast region. Steve Pavlesich was the top individual in the

Donald Reinert, an ag teacher for 30 years, was honored with a Blue and Gold Award at the Berks County FFA banquet. Reinert spent most of his teaching career at Kutztown. Reinert, left center, receives his award from county president Eric Marshall while Kutztown president Jeannine

David Kradel Herbert Jordan Milton Madison

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David C. Kradel, MS
MPH, DVM
Associate Professor of
Veterinary Science

Salmonella enteritidis (SE) infection associated with eggs or egg products has gained increased media attention. The risk of illness from SE is small. In 1989, there were approximately 2,000 confirmed and reported cases, of which about 50 percent were believed to be associated with eggs.

Because more than 60 billion eggs are consumed in the U.S. each year, this becomes one (1) reported case of SE for each 60 million eggs consumed. During this period, there were 13 reported deaths — 12 of which occurred in highly susceptible nursing home patients. By comparison, during the same period of one year, deaths due to other risks were air travel — 289; electrocution — 894; flu — 1,838; choking on food — 3,692; liver disease and cirrhosis (many of which were associated with alcohol consumption) — 24,927; car accidents — 45,000; and lung diseases (many of which were associated with smoking) — 280,000.

Also, as in most food poisoning cases, SE outbreaks generally occurred because of grossly improper food preparation or handling, that is, food abuse by contamination, temperature, and/or time.

The major responsibility for the SE problem has been thrust upon the poultry breeding industry and egg producers. An understanding of bacterial ecology might suggest that significant reduction or elimination of SE in commercial flocks could be extremely difficult and expensive, if not impossible

This is in part because the SE bacteria are not limited to poultry, but can be found in all species of wild and domestic birds and mammals and their environments, including man. SE has not been a cause of disease in layer flocks. Nonetheless, the industry must make a strong effort to reduce or eliminate SE bacteria in its flocks.

The following procedures are being taken and should be taken in the future by producers to try to reduce the sporadic SE outbreaks:

1. Mark egg containers "keep refrigerated." Provide customers with information on proper egg handling and food preparation. Work with public health workers in encouraging use of pasteurized eggs for high risk people, such as those in nursing homes, hospitals, or those on chemotherapy.

2. Check egg washing and sanitizing procedures.

3. Store and transport eggs under refrigeration. Consider support of egg refrigeration legislation.

4. When placing a new flock, try to make sure that it is being placed in a SE clean environment. This may be accomplished by thorough cleaning and disinfecting, followed, when possible, by formalin fumigation. Environmental culturing, particularly of the egg belt elevators, can be used to monitor the possible status of the prior flock environment and help determine the level of cleaning and disinfecting needed. But remember that the environmental sampling and bacterial culturing must be very thorough to have confidence in the results. Monitoring of the flock environment at the time a flock is being sent as spent fowl may be a good procedure to monitor your SE control program.

5. Conduct a rodent eradication program at time of cleanup and maintain a good rodent control program. Work at Penn State has shown rodents to be frequent carriers of the SE bacteria.

6. Monitor potential replacement birds early in their life cycle by bacteriologically culturing chick mortality (1-3 weeks of age) and the environment in which they are being raised.

7. The use of products (such as lactobacillus, etc.) that may modify the intestinal environment, vaccination, and antibiotics are of, as yet, uncertain, unproven, or questionable value but may become useful procedures in the future.

Be On Lookout For Tick

ELKTON, MD — After the 1989 Maryland Deer Tick Survey conducted by the Maryland Department of Agriculture, Department of Natural Resources and the University of Maryland C.E.S., Cecil County was identified as one of Maryland's high risk areas for Lyme Disease.

As Cecil producers work in the field numerous hours during the day, your potential for acquiring the deer tick on your body is very high. Therefore, he aware of the following information so that you can seek proper prevention and treatment.

Lyme Disease is caused by a slender, twisted bacteria which is transmitted by a small, hard tick called Ixodes dammini or deer tick.

Lyme Disease usually appears in the summer, but many also occur in the spring and fall. An important symptom is an expanding red lesion. The lesion begins as a red welt at the site of a tick bite and later increases in diameter. Accompanying Lyme Disease are fever, headache, nausea, vomiting, muscle aches, and fatigue.

Personal precautions include wearing long pants tucked in socks while working in tick habitat. Insect repellents containing DEET can be used on clothes and skin. The best precaution would be to regularly check yourself when returning from the field so that you can promptly remove crawling or attached ticks.

Livestock Notes

Bug Alert

Gary Micsky, Mercer Co. Crop Management Assoc., has been out scouting fields for possible insect infestations. This week he found above-economical thresholds for the Alfalfa weevil, but not high enough to justify spraying at this point in time.

If first cutting is delayed, then spraying may become necessary. Also of importance, Gary said he saw some potato leaf hoppers in some of the alfalfa fields. The number of hoppers found was well below the need to do any control steps, but the point is the hoppers have started to arrive from the south. Any weather conditions that have southernly winds will increase the hopper numbers, or with a lot of heat, will allow the hoppers already here to increase their population. I should note that the fields Gary was in were all in Lawrence Co.; however, it is good to know that these two management problems are on their way to Mercer Co. and that they can be controlled, if warranted.

Starter fertilizer

Should I use a starter? That is a common question and one for which we've all developed our own answer. It's appropriate to reevaluate that answer for the following reasons:

• Today's potentially higher yields place increased nutritional demands on the crop's root system.

• Conventional reduced tillage systems, and the systems which will develop in the future, are reasons to reevaluate the role of subsurface banding.

• Planting equipment and planter fertilizer banding attachments have been greatly improved, reducing both the magnitude and importance of planting delays caused by starter use.

• Increased concern over the potential environmental consequences of agricultural practices, such as soil erosion and groundwater contamination, has increased the importance of best management practices (BMPs) that can reduce negative environmental effects.

• Some scientists suggest that we have entered a more typical weather period that is more variable than the past few decades.

• Generally, farmers are faced with increasingly greater pressures to be more efficient.

Large responses to starter have been expected only under cool, wet conditions or when especially early planting is employed.

Tillage effects on starter response

Greater response to starters in reduced tillage systems has been demonstrated in several experiments. Many farmers in corn/soybean rotations are no-tilling corn into soybean stubble or are considering such a practice.

Primary tillage is performed on cornstalks prior to soybean planting. This type of tillage program does not allow for significant incorporation of phosphorus (P) and potassium (K) fertilizer if it is applied prior to corn planting.

Since soybeans are typically more reponsive to broadcast than band applications, a logical practice would be to use a starter on the corn and broadcast the non-starter P and K needs for both the soybean and corn crop prior to tillage for the soybean crop. Use of a starter on corn should overcome any problems by having high concentrations of nutrients close to the developing plant.

Starter fertilization composition

Historically, P has been the nutrient emphasized in starter fertilizers, but evidence seems to be accumulating that supports use of a starter containing nitrogen (N), P, K, and possibly other nutrients. Numerous studies have indicated that N, especially ammoniacal N, can enhance the response to P applied in bands. Soils with low levels of plant available N in the surface horizon are good candidates for N starters.

Early growth response to starter sulphur (S) has been observed in soils with low levels of S in the surface horizon. Cold temperatures and winter precipitation may combine to cause low availability of S early in the season. Growth responses to starter zinc (Zn) are likely in soils testing low in Zn.

The purpose of a starter fertilizer is to increase early growth. Starter fertilizer helps get the crop off to a faster start, and helps develop greater yield potential by improving early-season vigor. Management, weather conditions, and total nutrient availability throughout the growing season will determine how much of that yield potential is realized at harvest, and thus whether a yield response to starter fertilizer is actually measured. Enhanced early growth can be beneficial for at least the following reasons:

• Allows earlier cultivation.

• Provides greater competition with weed escapes.

• Gives quicker soil cover, reducing the potential for erosion.

• Results in an earlier maturing

(Turn to Page D4)

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Livestock Notes

(Continued from Page D3)

crop and lower grain moisture content.

- Increase yield in some years.
- Improves N use efficiency in situations where growth responses occur.

Certification

Certification as a private applicator is required if a person wishes to apply or purchase restricted use pesticides for the purpose of producing an agricultural commodity on land that is owned or rented by that person.

Again, eligibility is determined by written examination. However, only a core examination is required for private applicators, except for the use of fumigants of any kind.

In order to use fumigants, private applicators must obtain a special permit by passing a written examination specifically relating to the type of fumigation the applicator intends to perform. This phase of the regulations will be implemented as soon as training materials become available.

Every three years, private applicators must accumulate 6 core and 6 category credits in order to be eligible for recertification. For those holding fumigation permits, two of their six category credits must be in fumigation instruction. There is no grace period granted if the certification expires. The purchase or use of restricted use pesticides is prohibited if expiration occurs. If certification expires with credits outstanding, renewal may occur upon completion of the credit requirement, with no re-examination required. However, if credits are not obtained in the one year period following expiration, re-examination will be required.

Private applicators must maintain a record of each application of a restricted-use pesticide. Records are to be kept for a period of three years and made available upon request by the Dept. of Agriculture. Application records should include:

- The date of application, and for those pesticides specifying a re-entry period, the hour of completion.
- The address and specific field or land area, as well as the crop treated.
- The brand name, formulation, amount, and dosage of each restricted-use pesticide applied.
- The name and certification number of the private applicator making or supervising the application.

In the case of a private application, a restricted-use pesticide can be applied by a noncertified person when under the direct supervision of a certified applicator who is available if and when needed. As noted earlier, available if and when needed implies the ability of the supervising applicator to communicate instructions upon request and to be physically present at the site within five hours.

USDA Extends S.E. Comment Period

WASHINGTON, D.C. — The U.S. Department of Agriculture is again extending the comment period for its recent regulations establishing a control program for salmonella enteritidis (SE) in U.S. table-egg poultry flocks.

"We are estending the comment period another 30 days to June 1 to allow the industry and others more time to evaluate the regulations," said James W. Glosser, administrator of USDA's Animal and Plant Health Inspection Service.

"The original deadline for comments was April 17, but was extended to May 2," Glosser said. "However, we have received numerous requests from state animal health agencies, commercial egg producers, and poultry associations for an additional extension."

Under the regulations, which became effective on publication in the Feb. 16 Federal Register, interstate movement of chickens, eggs, and associated articles from flocks infected or associated with SE are restricted. All egg production breeding flocks must be classified "U.S. Sanitation Monitored" under the National Poultry Improvement Plan (NPIP) or meet the requirements of an equivalent state program in order to move interstate.

"Salmonella enteritidis is a growing problem for the egg industry and is a public health concern as well," said Glosser. "This program is designed to control SE in table eggs from two fronts: testing and certification of the breeding flocks that produce table-egg layers, and tracebacks and testing of commercial table-egg layer flocks if and when they are implicated in SE outbreaks in humans."

Notice of the extension period for comments is being published in the May 1 Federal Register.

Comments will be accepted if they are received on or before June 1.

An original and three copies of written comments referring to docket number 88-161 should be sent to Chief, Regulatory Analysis and Development, PPD, APHIS, USDA, Room 866, Federal Building, 6505 Belcrest Road, Hyattsville, MD 20782.

Comments may be inspected at USDA, Rm. 1141-S, 14th Street and Independence Avenue, S.W., Washington, D.C., between 8 a.m. and 4:30 p.m., Monday through Friday, except holidays.

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What's The Best Way To Raise Hogs?

Every time I talk to hog producers about their operations, it becomes apparent that everyone in the hog industry does things differently. I've visited many hog operations and none of them are alike. What is the best way to raise hogs?

Just like people, hogs can adapt to a wide variety of facilities, or even a lack of facilities, and do well. Even though this is true, there are distinct advantages and disadvantages to various rearing systems and no one system is best in all situations.

Take intensive hog production for instance. A total confinement operation has the advantage of housing the animals in close proximity. This allows for ease in handling the animals and makes it easier to observe the herd regularly. Hogs in total confinement operations are housed in environmentally controlled units where temperature and ventilation are regulated. Manure is generally stored for field fertilization later and can be applied at proper rates, provided enough land is available to use it all.

Disadvantages of intensive, total confinement operations are the cost of building the facility and the problems associated with disease spread if a contagious agent gets established in the facility. Also, this type of unit has been the most criticized by the animal rightists.

Another kind of hog operation commonly used in this area is a less intensive one, with some outside hog rearing and a farrowing house and nursery confinement buildings. This type of operation has the advantage of lower costs compared to more intensive units, since fewer facilities are needed.

Unlike the more intensive-type of operation, it comes under less scrutiny from the animal rights activists. Since sows are farrowed within a farrowing crate and piglets are housed in a nursery, management of the sow and pigs is easier for the producer. Manure in this type of operation is usually collected from the farrowing house and nursery for later cropland application, while stocking rates with pasture-kept sows will determine the nutrient deposition on the sow lots.

Disadvantages include more outside labor in handling animals that are outside. It takes longer to feed and manage an animal housed in larger areas out-of-doors than those kept in confinement. Finally, animals housed out-of-doors are exposed to the elements and need additional protection during periods of extreme temperatures.

The last type of hog operation I will discuss is low-intensity, minimal-confinement operations, where animals are kept entirely out-of-doors and are allowed to farrow in the elements. Only occasionally are they offered some protection through the use of simple housing such as plywood A-frame houses.

Advantages of this type of production system are minimal costs in electric fencing and simple housing. This is the cheapest and least intensive type of hog production, and is rarely singled out by animal rightists.

A disadvantage is exposure of the hog to the elements. Since animals are essentially out in the open, large piglet losses can occur during extreme weather fluctuations, heavy rainfall, or unseasonal snowfall. Farrowing is limited to specific seasons of the year to avoid extremely cold temperatures.

Generally, this type of operation results in the fewest number of marketed pigs per sow per year. Numbers may vary depending on weather patterns. Manure can be a problem with this type of operation if stocking rates are allowed to remain high for extended peiods.

Which system is the best? There is no best system. That's the reason there are so many different hog operations. The true appraisal of any system can only be made by individual managers and what operation works for them.

Livestock Judging Team Takes Awards

ALFRED, N.Y. — The Livestock Judging Team from Alfred State College (ASC) has again taken several top awards at the annual Canadian Intercollegiate Judging Competition in Guelph, Ontario.

Alfred State was the sole U.S. entry, competing against 15 two- and four-year college teams from throughout Canada. The event was staged as a stockman's contest, with entrants judging crop as well as livestock classes.

Coached by Lee LaRochelle, assistant professor in the college's plant and animal science department, the Alfred team included Thomas D. Smallback of Cherry Creek RD1, Albert A. Haier of Eden, Matthew D. Harper of Mayville RD2, and Michael L. Riley of Gettsburg. James A. Robinson of Portville was team alternate.

Smallback carried home several top individual awards for Alfred, placing first in forages, first in all crops, second in Jersey cows, and third in market lambs.

Haier took first place in sheep judging. Harper was fourth in market lambs.

As a team, Alfred was first in market lamb judging, also taking three firsts in crop judging; second cut alfalfa, carrots, and haylage. Overall, the college ranked fifth in crops, all classes, and six in livestock, all classes, taking fourth place in the event's quiz.

In addition, ASC placed third in judging tomatoes and fourth in white beans, fourth in judging both Ayrshire cows and Hereford heifers, and fifth in Jersey cows, professor LaRochelle reported.

The event was staged at the University of Guelph.

Funding for the ASC Livestock Judging Team is provided by the college's student senate.

Beekeepers Cautioned

WARREN (Warren Co.) — Two new mites which attack honey bees have recently been introduced into the United States, according to Sanford Smith, Warren County extension agent.

One of these, the Varroa mite, is a devastating parasite that is killing colonies and drastically reducing honey yields.

Varroa is considered by many to be the most devastating pest of honey bees in the world. This mite is present throughout much of the southern United States where queen bees and packages are produced for sale. Many Pennsylvania beekeepers purchase queens and packages from the south each year.

Queens and packages can be treated effectively for Varroa mite with the pesticide Fluvalinate before shipment. This chemical is incorporated into strips called Apistan strips or tabs (for treating queens.) The strips or tabs are then placed in close contact with the bees, killing any varroa mites present, but not harming the bees. Unfortunately, many queen and package producers are not treating their bees before shipment unless requested to do so by the beekeeper purchasing the bees.

Smith said that beekeepers should require varroa mite treatment (Apistan strips or tabs) of all out-of-state packages and/or queen bees at the time they are ordered.

Pennsylvania is currently under a quarantine (Pa. Dept. of Agriculture) to keep varroa mites out of the state for as long as possible.

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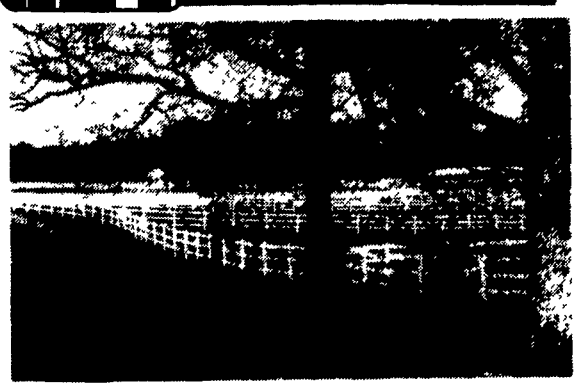

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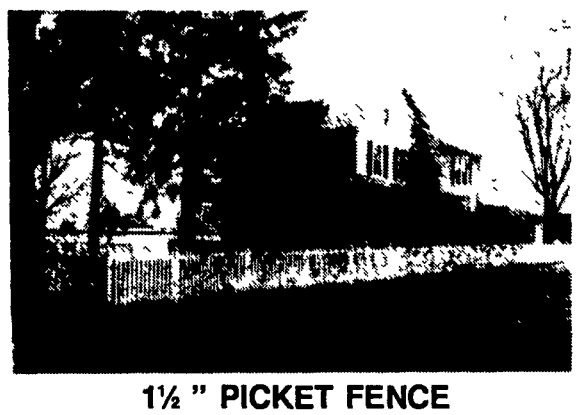

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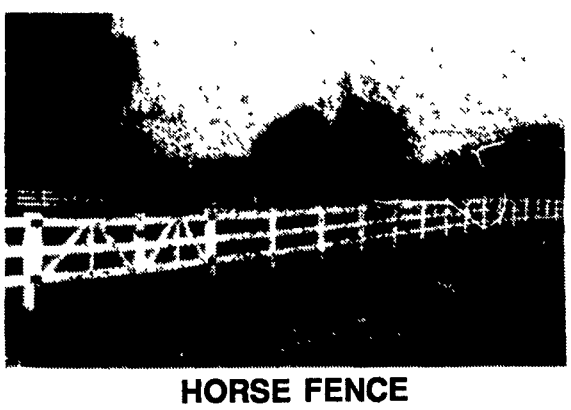

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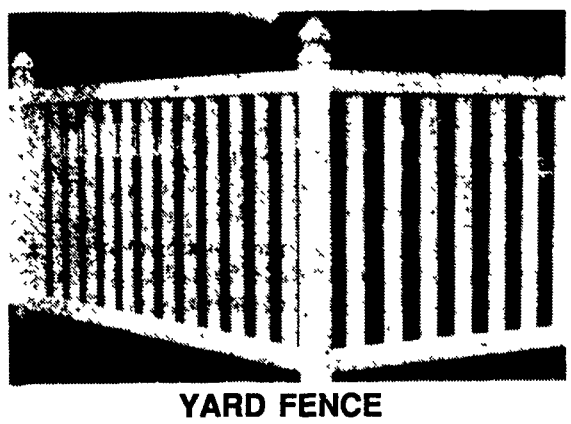
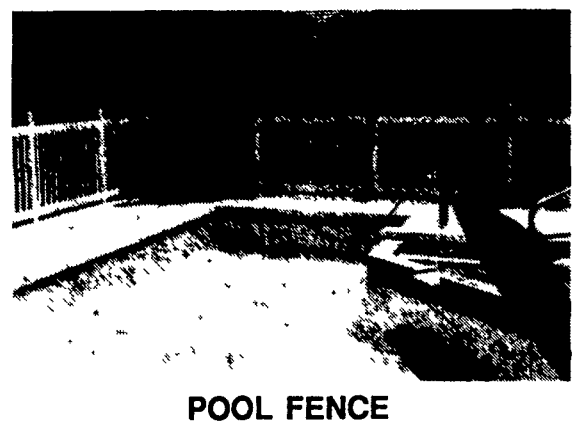


YARD FENCE



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Business News

New Market to Benefit Eastern Pennsylvania Growers

KUTZTOWN (Berks Co.) — The Kutztown Produce Auction will open its gates for the first time on Tuesday, May 22 to wholesale produce buyers and area growers. The sale of spring vegetables, fruits, and plants starts at the Auction site on Oakhaven Road, just west of Kutztown, at 10:00 a.m.

"I'm excited for the area fruit and vegetable growers and wholesale buyers who are looking for better trade," said Herb Gebely, auction manager. "I'm also personally looking forward to making the dream of a Berks County Auction into a widely-known reality."

All growers with produce and plants are invited to sell at the auction throughout the growing season. Other auction days include Friday, May 25; Tuesday, May 29; Thursday May 31; and Tuesdays and Thursdays thereafter. Sale days will be added according to supply and demand. Auctions will be held through Thanksgiving.

Buyers in southeastern Pennsylvania are being mailed an invitation and a registration form. The mailing list includes farmers with retail markets and representatives of wholesalers, farmers' market stands, supermarkets, institutional food service companies, and major restaurants. The buyers registration form simplifies the purchasing and payment process.

The Kutztown Produce Auction will open its gates for the first time on Tuesday, May 22 to wholesale produce buyers and area growers. Auction days include Friday, May 25; Tuesday, May 29; Thursday May 31; and Tuesdays and Thursdays thereafter.

Growers are, likewise, being sent an announcement and a producers registration form to explain procedures and to obtain an identification number.

Herb Gebely was recently appointed Manager of the Kutztown Produce Auction by the board of directors. Gebely worked for Ontelaunee Orchards in Leesport as store manager, and handled the buying and sale of fruits and vegetables there for 8 years. He was graduated from Delaware Valley College in 1976, where he obtained a degree in horticulure.

"Herb was just the manager we were looking for," according to Enos Burkholder, president of the Kutztown Produce Auction. "He knows the production and marketing side of this region's produce trade. Growers and buyers will find that he's got their interests in mind. Herb knows we have to please customers to keep them in today's market.

For more information, contact Herb Gebely, auction manager at (215) 683-7161.

Bank Promotes Rohrer

Roger M. Rohrer

LANCASTER (Lancaster Co.) Rodger M. Rohrer has been promoted to vice president in Hamilton Bank's agri-finance department.

A Lancaster native, Rohrer joined the Bank in 1986 as an assistant vice president.

Prior to joining Hamilton, Rohrer was employed as a vice president for Farm Credit Services of Lancaster.

A 1970 graduate of Pequea Valley High School, Rohrer attended Penn State University and Franklin and Marshall College.

Rohrer serves as a director of the Lancaster County Cooperative Extension, is a member of the Pennsylvania Future Farmers of America Foundation board of trustees, and is involved with Solanco Young Farmers.

No Budget, No Pay

CORTLAND, N.Y.— A proposal to withhold pay from state legislators who can't produce a timely budget is right on the mark, state grange leaders say.

Forwarded last week by Gov. Mario Cuomo, the bill would require the forfeiture of one day's salary for each day the budget is delayed on or after April 1 of each year. Those who would lose their salary would include elected officials in the legislative and executive branches of state government.

A similar proposal was made more than a month ago by members of Steuben County's Wheeler Grange. State grange legislative director Bert S. Morse says he's not sure whether Cuomo was influenced by the Subordinate Grange proposal, but he commended the governor's action just the same.

"This is the sixth year the budget has been late and the state's credit rating has slipped dangerously low," Morse said.

"There has to be some incentive for our leaders to get the budget done on time, and this is one way that could happen."

The Wheeler Grange proposal is the result of an active grange interest in state legislation. "They know very well in advance when things are supposed to be finished and there shouldn't be any reason why a budget can't be done in a timely fashion," Wheeler Grange Master Barre Butts said recently.

"I just don't feel this is a very responsible way for them to handle their positions. Some portion of their salaries should be lost if they're not meeting the requirements of the job."

There are more than 25,000 people in 439 subordinate granges across New York state.

Agency Moves

LANCASTER (Lancaster Co.)— Greiner+Herr+Company, a full service advertising agency specializing in strong design and copy, has moved to a new location.

The company's principals, Jerry Greiner and Jim Herr, conducted operations for more than a year from offices in their homes. However, an outstanding growth in clientele compelled the partners to locate under the same roof.

The new office of Greiner+Herr+Company occupies the fourth floor at 129 East Orange Street, Lancaster, PA 17602, (717) 394-4446.

Lamb Marketing Program

HARRISBURG (Dauphin Co.)— The Pennsylvania Sheep/Lamb Marketing Board and the American Lamb Council, a division of the American Sheep Industry Association, will conduct a lamb promotion program in several major cities in Pennsylvania.

The program is designed to educate retailers on the variety of lamb cuts and versatility as a healthful meat.

The program will be introduced in Harrisburg and Pittsburgh, and subsequently expanded to Erie and Scranton.

"With these special promotions, Pennsylvania sheep producers will be marketing more lamb, and that means eventually more profits for everyone," said James Sheeder, chairman of the Pennsylvania Sheep and Lamb Marketing Board.

"Promotion and education are two goals of the marketing board," Sheeder said, "and other programs will follow."

Questions and comments should be addressed to the program's liaison, L.J. Hubert, at the Pennsylvania Department of Agriculture's Bureau of Market Development, Harrisburg, (717) 783-9948.

Receives Record Calls

WASHINGTON, D.C.— More than 64,000 persons called the U.S. Department of Agriculture's meat and poultry hotline in fiscal year 1989 — a record number, according to the hotline manager. The hotline, a service of USDA's Food Safety and Inspection Service, has been in operation five years.

"The hotline plays an important role in preventing foodborne illness," said Sue Templin, hotline supervisor. "Many of the situations described by callers present a clear risk of foodborne illness. Examples are improper thawing, improper cooling and storage of cooked food, and not thoroughly cooking meat and poultry."

Data collected from the hotline show that consumers today are more sophisticated and informed than in years past. "This may be due to food-related news stories," said Templin.

Although callers expressed a wide variety of questions and concerns, 71 percent of the inquiries involved "basic food safety."

USDA Consumer Advisor Ann Chadwick said the hotline helps teach consumers that controlling microbiological contamination of food is everybody's responsibility. "Safe food handling only begins with farmers," she said. "It must be continued by food processors and retailers, enforced at the commercial level by government, and practiced by consumers from the time food is bought until it is eaten."

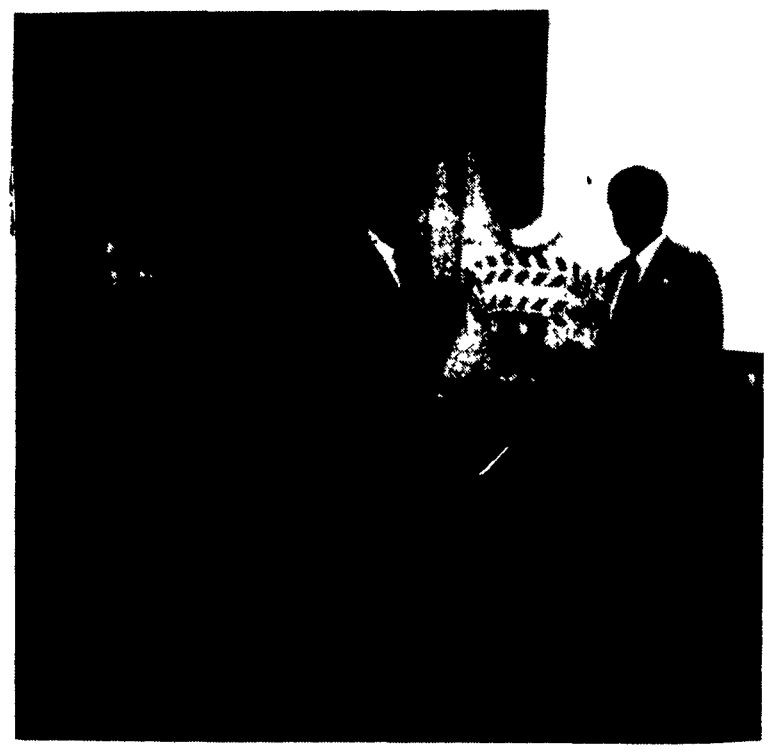
As in previous years, consumers continued to be the predominant users of the hotline service.

The holiday season, traditionally the busiest time of year for the hotline, generated 11,500 calls during November, Templin said. To accommodate the pre-Thanksgiving demand, food safety experts staffed the hotline the weekend before, and from 8:00 a.m. - 2:00 p.m. on Thanksgiving Day.

Calls during the year were received from all U.S. states, districts and territories. The five leading states, accounting for 40 percent of all calls to the hotline, were New York, California, Illinois, Florida, and Pennsylvania. Fourteen calls were received from foreign countries, including Canada and Great Britain.

Consumers with questions about the safe handling of meat and poultry can call the Meat and Poultry Hotline at 1-800-535-4555, 10 a.m. - 4 p.m. weekdays, Eastern Time. (Washington, D.C., area callers should dial 447-3333.)

Show-Ease Receives Award



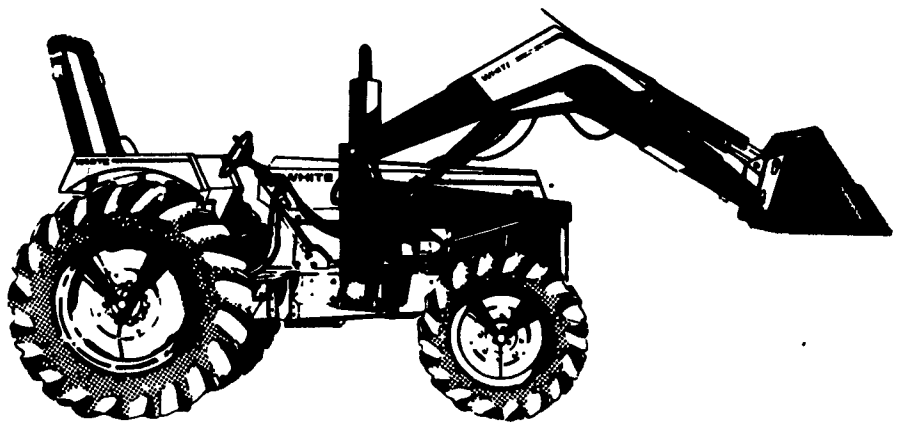
LANCASTER (Lancaster Co.) — Show-Ease Badger has been recognized by Badger Northland Inc. for superior sales performance by inclusion in the prestigious Badger Northland Inc. President's Club for 1990.

Each year, Badger Northland Inc. recognizes 10 dealers across North America with the largest sales volume by awarding them membership in the Badger President's Club.

As members of the President's Club, they receive a handsome wall plaque, noting their achievement as well as participation in product councils and advisory groups throughout the year.

Pictured, left to right, Bob School, vice president and sales manager; K. B. Myers, president; John Kreider, Jr., Show-Ease; and Ken Mansfield, district sales manager.

WHITE FRONT END LOADERS



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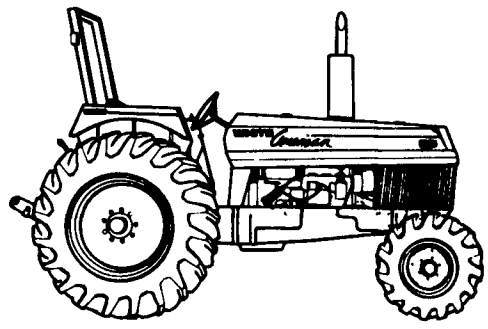

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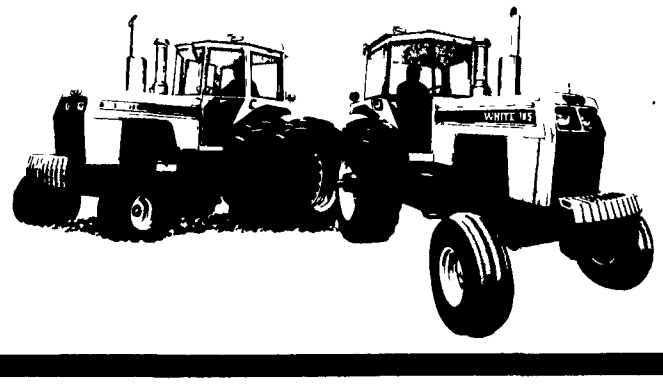

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Government Should Restore Competition To Meatpacking Industry

WALTHILL, Neb.— "Competitive conditions in the cattle market are now inadequate to meet the requirements of a free market," according to a report issued by a task force of cattlemen commissioned by the Center for Rural Affairs of Walthill, NB.

The report blames both the "aggressive behavior" of the dominant three packing firms and the "permissive attitude" of anti-trust officials whose duty it is to protect competition.

The report calls for significant government action to restore competition to the meat packing industry, including tougher anti-trust enforcement, mandatory price reporting, a cap on market shares for the big three packers, restrictions on packer involvement in forward contracting and the futures market, and development of a national electronic cattle market.

The task force reports that the Big Three beef packers — IBP, Cargill, and ConAgra — now hold a "shared monopoly" that cannot be justified by efficiency alone. The overall objective of the task force recommendations is to "regulate the performance" of this shared monopoly, "to require disclosure of market information vital to both producers and anti-trust enforcement officials, and to assure market access for all producers," according to the 53-page report.

The task force considers its 29 recommendations to be "minimum effective levels of government intervention." It indicates that without them "competitive conditions will continue to deteriorate until nothing short of forced divestiture of packing plants by dominant firms will restore competition."

The task force is composed of eight cattlemen from Iowa, Minnesota, Nebraska, and South Dakota, including cow-calf producers, farmer-feeders, backgrounders, a contract feeder, and a livestock exchange director. The report indicates that the task force members are "not alarmist by nature" and do not make such strong recommendations lightly. "We are firm believers in free enterprise," said the report. But, "fair competition is essential to free enterprise," according to the report.

The Center for Rural Affairs commissioned the report in response to widespread concerns among cattlemen about growing packer concentration and vertical integration — packer control of cattle during the production stage.

Meatpacking concentration and cattle prices

Government figures indicate that the top four beef packers now account for 70 percent of the cattle market. More importantly, in most local or regional markets, the level of concentration is much higher, frequently more than 90 percent. Much of this concentration is the result of recent mergers and acquisitions by the dominant firms. After examining many economic studies, the task force concluded that such increases in packer concentration lead to lower cattle prices.

The report is critical of public officials, especially the U.S. Justice Department, which it said should have taken action to block some of these mergers. Current anti-trust laws provide ample authority to have done so, even under the lax internal guidelines used by the Justice Department to guide its own enforcement actions.

The report also warns that recent relatively high cattle prices are a symptom of a power struggle to determine which of these big firms will dominate in regional markets. When that power struggle is over, the report predicts that the dominant firms will decide that "their common interests are best served by less competition, more cooperation to prevent new competitors from entering the business, and greater exercise of market power" to depress cattle prices. In the meantime, higher prices serve as a "sedative" to many producers, lulling them into believing that competition is alive and well.

Vertical integration and futures markets

One of the signs of emerging market power, according to the report, is the trend toward increased packer feeder and forward contracting. The report concludes that about 20 percent of all cattle on feed in the region are held in "captive supply" by packes who either feed cattle in their own lots, have cattle fed for them by others, or contract in advance for cattle owned by others. Captive supplies are twice that high in some regions at some times of the year, says the report, citing Oklahoma State University research.

Such large volumes of captive cattle allow packers to regulate the flow of cattle to market, influencing the price they pay for other cattle and making it difficult for cattlemen to know what their cattle are really worth.

Moreover, many forward contracts contain price agreements based on futures market prices, the report said. In the futures market, packers are classified as "hedgers" not subject to limits placed on "speculators," putting them in a position to use the futures market extensively to drive down market prices of contracted cattle and, indirectly, of other cattle, according to the task force report.

The report does not accuse packers of specific wrongdoing in this area, but said that "doubts about the validity of the futures market as a price discovery

(Turn to Page D9)

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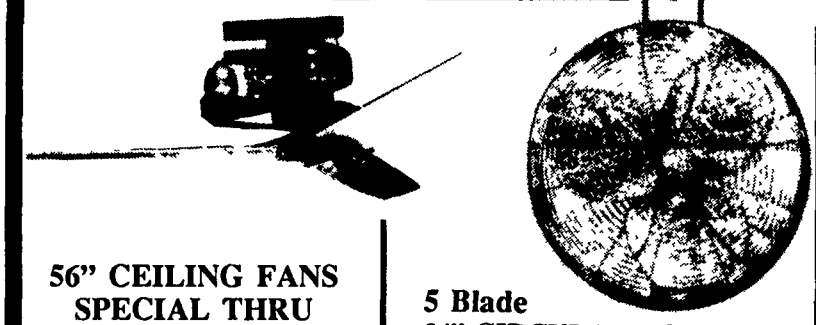

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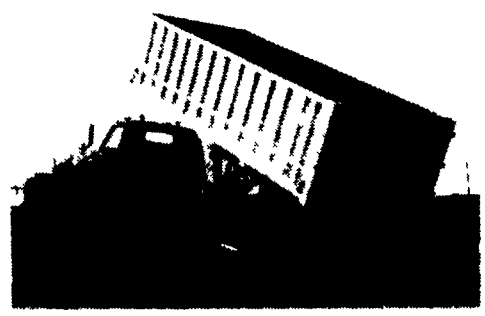

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Government Should Restore Competition To Meatpacking Industry

(Continued from Page D8)

mechanism are real, and the evidence of a possible consistent bias in favor of lower prices is particular cause for concern about its use as a cash market pricing mechanism."

Anti-trust policy issues

The trend toward concentration and vertical integration of the beef market raises a number of potential anti-trust issues, the report concludes. Merger policy should clarify that the "relevant market" in which to measure competition is the local market. Also, new guidelines are needed to determine whether cattle contracts violate rules against "price discrimination" (offering different prices to different producers for products of like grade and quality) or "exclusive dealing" arrangements (contracting for cattle under condition that the supplier not sell to other packers).

Regulators also need to monitor packer costs to be sure that they are not deliberately paying more for cattle in some markets than conditions justify just to prevent a competitor from operating profitably in that market — an illegal practiced termed "predatory pricing." The report acknowledges that such a practice may raise cattle prices in the short run, but says that it will reduce competition and depress prices in the long run. And regulators should monitor packer buying to be sire that they do not "allocate territory" by agreeing not to compete in certain local markets.

Strong measures recommended

Among the strongest measures called for in the report:

- Any merger involving the big three packers be challenged in court by the government blocked and the burden shifted from the government to the packers to prove that a merger involving them will not lessen competition.
- Packers with 15 percent or more of the national market not be allowed to expand in the next 10 years unless the expansion would give the packer less than 10 percent of a regional market and no more than 20 percent of the national market.
- Packers who sell more short contracts than buy long contracts on the futures market should be reclassified by the Commodity Futures Trading Commission from "hedgers" to "speculators," limiting the number of contracts they can sell to 400 and requiring larger margin requirements on each contract.
- The Packers and Stockyards Administration should review all forward contracts for possible price discrimination and other anti-trust violations and report to the public the volume of cattle held in captive supply, the pricing arrangement for those cattle, and the projected delivery date. The cost of this regulatory and reporting service should be paid for by a fee imposed on all cattle in captive supply by packers.
- Prohibit packer feeding and custom feeding.
- Limit captive supply to 15 percent of any plant's capacity for any packer with 15 percent of that plant's regional market.
- Congress should commission an Electronic Livestock Marketing Commission to develop a regionally sensitive, universally available national electronic market paid for by a fee charged on all cattle transactions.

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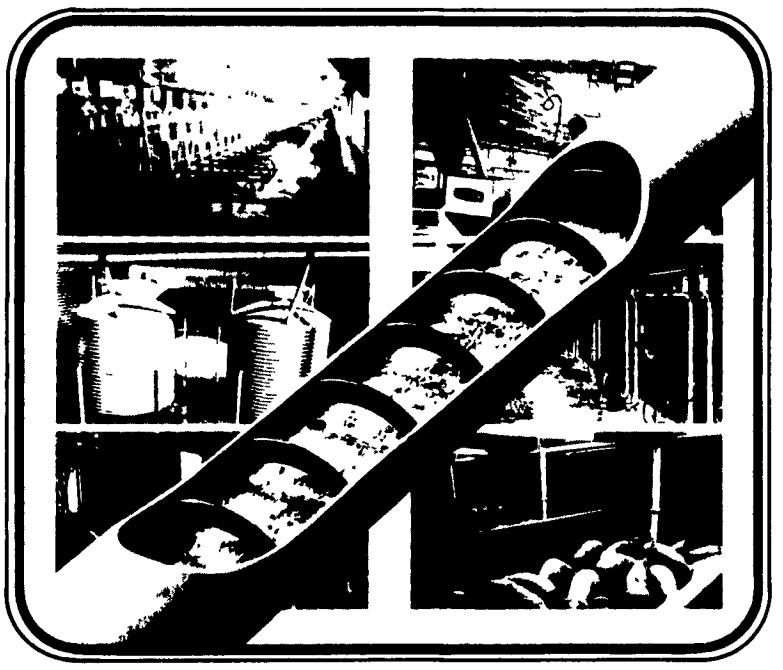

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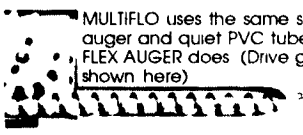

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Youths Win For 'Best-Dressed' Broilers

NEWARK, Del.— The 40th annual junior broiler contest netted cash awards for Delaware youths with the "best-dressed" broilers.

Dan Palmer, University of Delaware extension poultry specialist and coordinator of the program, says this year's contest, held earlier this month, drew 48 entries.

The Junior Broilers Program, sponsored by Delaware Cooperative Extension and Delmarva Poultry Improvement Association, is open to 4-H'ers, FFA members, and Junior Grange members. Boys and girls from ages 8 to 19 grow flocks of 50 chicks to market weight in 42 days. They are expected to manage their flocks and keep accurate records. Each child's family is responsible for buying feed for the chicks.

Palmer says cooperators in the Junior Broiler Program include hatcherymen, integrators, breeders, feed dealers, and industry representatives. Service clubs representing a wide range of interests donate money to the program.

The children look for uniformity in size and conformation in selecting seven live broilers from their flock. Essentially, they look for seven carbon copies, said Palmer.

The live birds were weighed in at the state fairgrounds on April 30 from 4 to 7 p.m. so participants could watch the process. The next morning, the chickens were dressed and inspected at Allen's Family Foods Inc., in Harbeson, DE. The birds were kept iced down, placed in bags, and taken to Lake Forest High School for judging by an industry professional that afternoon.

This year's judges were Andrea Volmi and Barbara Johnson, who are responsible for quality control in the poultry processing plant at Allen's Family foods and Townsends Inc., respectively.

"Both judges volunteered their time and expertise. They made an indispensable contribution to the program," Palmer said.

Volmi and Johnson picked the best five of the seven dressed birds that made up each child's entry, Palmer said. The entries were then judged in five categories: conformation; condition and appearance; uniformity; weight; and records that the youngster kept.

Marty Butterfield, extension assistant director of human resources, tabulated all the results on a computer and gave each contestant a printout to take home.

The chickens remained on display at the awards banquet, where all the children could see their entry dressed. A barbeque awards banquet rounded out the event. Contestants left with their dressed broilers.

But what happens to the remainder of the flock? Palmer said that the broilers are usually sent to a private dresser.

Through the Junior Broiler Program, youngsters learn that food production involves record-keeping and attention to detail, Palmer said.

First place went to J. Rob Voorhees (Houston, DE) for a first-place cash award of $50 in addition to a $50 savings bond. He received an additional award of $15 for the heaviest entry. His seven birds weighed in at 40.75 pounds.

Wendy Webb (Greenwood, DE) netted second place for an award of $45. Kevin Evans (Bridgeville, DE) took third place for a $35 award.

Fourth place went to Crystal Dulin (Clayton, DE) for a $30 award. Jay Davis (Clayton, DE) took the fifth-place award of $25.

Sixth- through 10th-place winners each received $20 awards. They were George Dixon (Clayton, DE), Jennifer Callaway (Felton, DE), Cade Wilkins (Milford, DE), Kim Dannenhauer (Felton, DE) and Kevin Warren (Kenton, DE).

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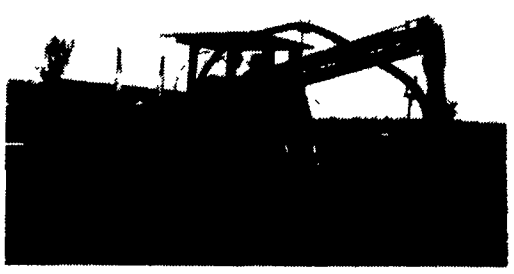

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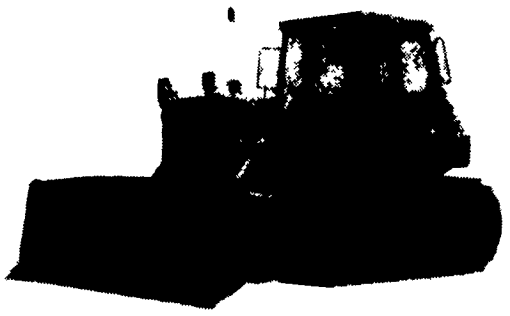

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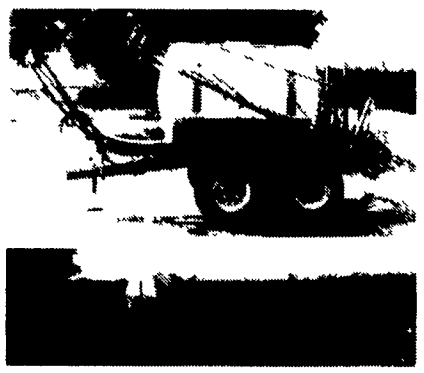

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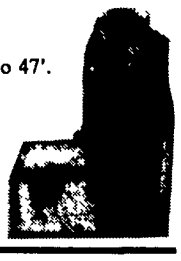

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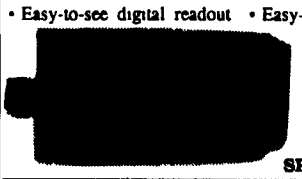

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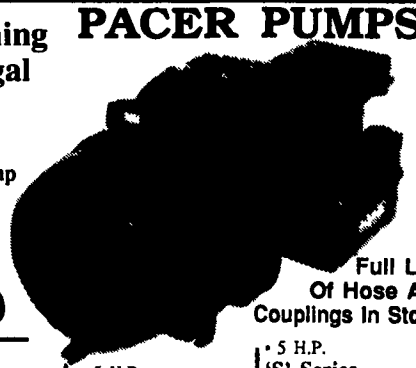

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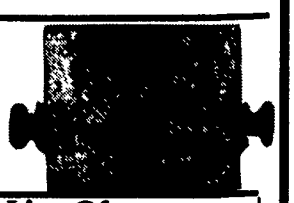

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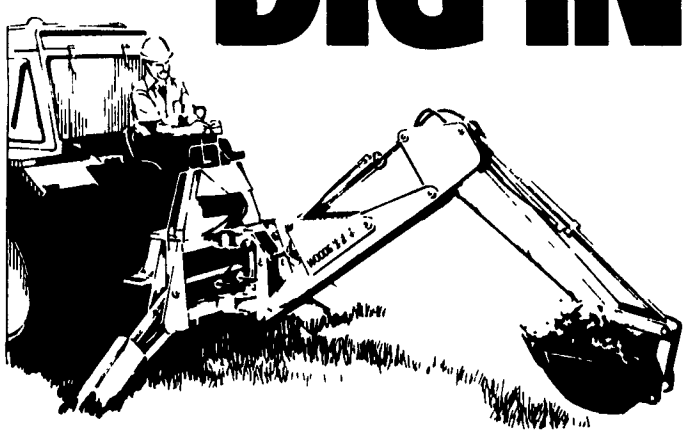

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UNIVERSITY PARK (Centre Co.) — Non-handicapped children have high interest in the 4-H chick hatching project primarily in the 4th and 5th grade classroom.

Children with variation in learning abilities as well as the physically and emotionally disabled seem to gain interest in classroom work while embryos are incubating or chicks are hatching. We cannot explain this; however, we find school nurses report absenteeism in the entire school is usually low or zero the day chicks hatch.

Everyone — students, teachers, parents and principals — seem to show intense interest in chicks hatching in the classroom. A parent said her 4th grade son never talked about school until he joined 4-H embryology. Then each day he told her which part of the chick embryo was supposed to develop today when he went to school.

County Agent Toni Bilik in Blair County did a literature review in April 1987 on embryology (pet therapy) and Handicapped Children. The following is by Toni Bilik.

The topic of embryology in the classroom and its effect on handicapped children was researched through a review of the literature. Although no direct references could be found, three periodicals concerning "pet therapy" were found to contain information that could pertain to the embryology project. Many additional sources were cited in these periodicals.

In 1982, S. B. Ross, Jr. presented a paper at the Annual Convention of the American Psychological Association. In his paper, he described Green Chimney Farm, his home and school for emotionally disturbed children and those with learning difficulties. He cited an example case where a student working with the farm animals showed a lot of growth in confidence, self-esteem, sense of responsibility, and his ability to function as a productive member of a group program.

Ross stressed the importance of a school program designed to provide activities that are relevant to the world beyond the institution. He wrote, "Add to the regular school curriculum purposeful activities with innovations in learning opportunities and you offer to disorganized, disruptive, hyperactive pupils a chance to succeed. You also provide a step towards reducing the disparity between the world of the school with the real world."

Lynn Gentry, in "My Therapist Weighs 900 Pounds," wrote about the handicapped riding program where children interact with and ride horses for therapy. A group of children were pre-tested for educational skills and tested again after 8 weeks in the program. The children showed increases in listening skills, ability to follow instructions, interest in learning, self-confidence, and vocalization and verbalization skills.

Lastly, a paper presented by Anne Solomon at the Child in Social Context Conference in Winnipeg, Canada referred to an experiment with children and hampsters. Solomon chose four mentally retarded children who were somewhat withdrawn and afraid of other people. She observed them in an in-school project involving the care of pet hampsters. She concluded that pet therapy could be the starting point for better socialization, the beginnings of intrapersonal exchange, and a way to express oneself symbolically.

References: Samuel B. Ross, Jr., "The Therapeutic Use of Animals With the Handicapped," Paper presented at the Annual Convention of the American Psychological Association in Washington, DC. 1982; Lynn Gentry, "My Therapist Weighs 900 Pounds," *Children Today*, 15:30-33, Jan/Feb 1986; Anne Solomon, "Children's Modes of Communication with the Animal," Paper presented at the Children in Social Context Conference, Winnipeg, Canada, October 1984.

Named Outstanding Senior

UNIVERSITY PARK (Centre Co.)— Mary Ann Keith, daughter of Harry and Joan Keith of Entriken, has been voted the 1990 Outstanding Senior in the College of Agriculture at Penn State.

Keith, who is majoring in dairy and animal science, was honored at the College of Agriculture commencement ceremonies in Eisenhower Auditorium on May 12.

Selection for the award, which is sponsored by the College of Agriculture Alumni Society, was made by honor students in the Coaly Society, college faculty, adn alumni. Competition for the award was based on academic achievement, leadership in college clubs, recommendations, an application essay, and contribution to university and community activities.

Keith has maintained a high grade-point average throughout her college career and has held a number of leadership positions, serving as president of both the Dairy Science Club and Sigma Alpha, a professional sorority for women in agriculture. She is a member of the college's student honor organization, the Coaly Society, and was Ms. College of Agriculture for 1988-89.

Keith took first place in this year's Guldin Speaking Contest, an annual college event that enables undergraduates to deliver research-based addresses on issues in their field of study.

Keith was selected as an Ag Advocate for the college for the 1989-90 and 1990-91 academic years. Advocates are selected on the basis of high academic achievement, interviews, and faculty recommendations.

By representing the college at major events, including the Pennsylvania State Farm Show, Ag Advocates support the college's efforts to enhance the image of agriculture and recruit highly qualified students. They also help college alumni and friends stay in touch with College of Agriculture programs and developments.

Keith is a graduate of Huntingdon Senior High School.

Ag Secretary Honored

ANNAPOLIS, Md.— Maryland Agriculture Secretary Wayne A. Cawley, Jr. received the Maryland Chapter, American Society for Public Administration's Charles Mathias Award, for Outstanding State Service in ceremonies held at the World Trade Center in Baltimore May 10.

As the award stated, Cawley was recognized "for his 12 years of sustained distinguished state service as Secretary of the Maryland Department of Agriculture."

Accepting the award for Secretary Cawley was his wife, Barbara. "My husband works long and hard to serve agriculture and the people of Maryland. I can speak to the many days and nights he has not been home, on our farm in Denton, because duty called. He's proud of his department and the many services it provides to the farmers and consumers of Maryland," she said.

Secretary Cawley currently is in Eastern Europe with Governor William Donald Schaefer on a trade mission.

Cawley is only the second Secretary of Agriculture since the department was established in 1973 as a cabinet level agency. He was appointed initially in 1979.

Cawley was cited in the award for "exhibiting extraordinary leadership in creating a work environment which promotes teamwork and encourages employee participation at all levels of the organization."

Some of Cawley's major achievements as Maryland's Secretary of Agriculture include worldwide promotion of the state's agricultural products, enhancement of the agricultural land preservation program, establishment of the Maryland Agricultural Education Foundation, creation of a State Aquaculture Office, expansion of the gypsy moth suppression program, establishment of regional farmers' markets, and implementation of the farmers market coupon program for women and infant children (WIC) recipients.

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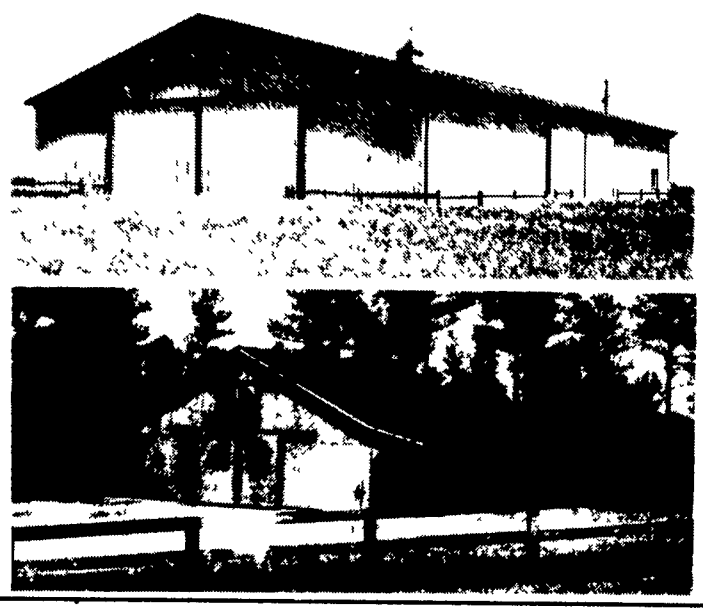

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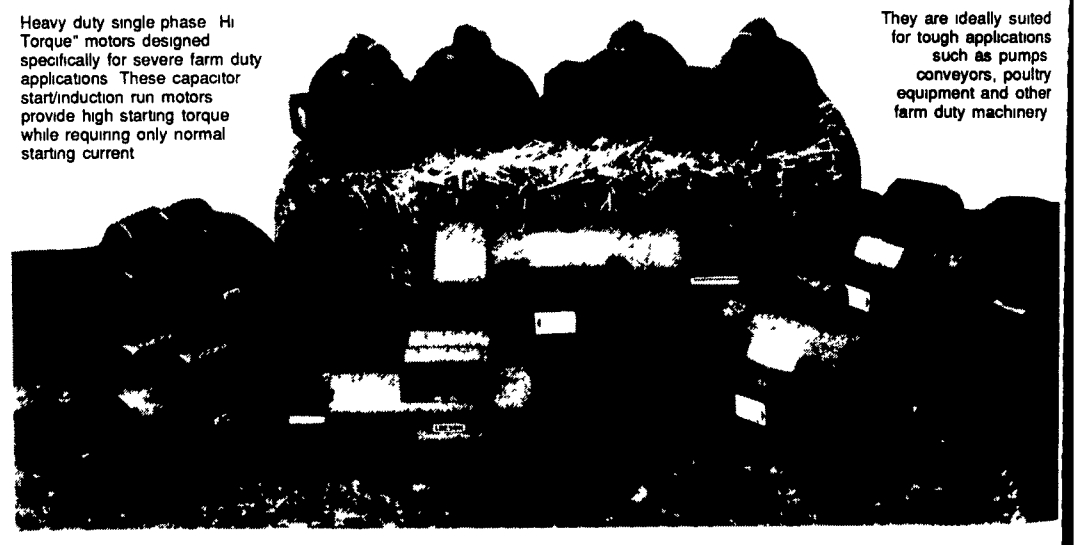

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Will Servings Top World Record?

DES MOINES, Iowa — The National Pork Producers Council will serve more than 13 tons of pork and 150 gallons of barbecue sauce to an estimated 100,000 visitors at the World Pork Expo in Des Moines on June 2-4, 1990. In 1988, a similar effort earned the event the "Guiness Book of World Records'" official title for the "largest barbecue."

America's pork producers hope to make pork the nation's number one meat choice by the year 2000, according to the pork industry's long-range plan. To meet this lofty goal, industry leaders agree, they must continue to provide a product which appeals to a wide variety of consumer tastes. In addition, they realize that they must also continue to educate consumers and promote the many advantages of their product.

The World Pork Expo creates an ideal setting for the promotion of pork. To complement the educational displays and tons of scrumptious pork barbecue that will be served, a host of entertaining activities are scheduled for the entire family.

"Sure, the Expo is serious business. We are relying on the event to help us reach our goal as the number one meat choice by the turn of the century," said Ernie Barnes, World Pork Expo manager. "But there is no reason we can't have some fun on the way. The Expo is a tasty and entertaining way to inform consumers of the versatility and quality of pork

To those in the pork industry, the World Pork Expo is the largest pork-specific event in the world.

The National Pork Producers Council invites you to attend the World Pork Expo, June 2-4, 1990 at the Iowa State Fairgrounds in De Moines, IA.

'Ecofits' Will Participate In State Envirothon

CHAMBERSBURG (Franklin Co.)— On May 9, 1990, 12 teams of high school students from Franklin and Fulton Counties met at Cowans Gap State Park to test their environmental knowledge and skills. The event was the First Annual Franklin/Fulton Counties Envirothon.

The Envirothon, sponsored by the Franklin and Fulton County Conservation Districts, is an annual competition designed to test the students' knowledge of the environment. It is also designed to increase their awareness of the interrelationships that exist in the world and the effects of human actions on those interrelationships.

The competition revolved around the five environmental subject areas of aquatics, forestry, soils, wildlife, and current environmental issues. Local representatives provided technical assistance and study materials for the event, and include Dave Keller, Pennsylvania Fish Commission; Frank Clark, Pennsylvania Game Commission; Ray Miller, DER Bureau of Forestry; Tom Wieland, Glatfelter Pulp Wood Company; William Fink, Timothy Noss, and Janet Sipes, Fulton County Conservation District; and David Stoner, Ernest Tarner, and Donna Hays, Franklin County Conservation District.

Charles Kubasik, field representative for DER Bureau of Soil and Water Conservation in Altoona, assisted with the current issues station. Also, Greg Sassaman from DER Bureau of State Parks conducted an educational-only station.

The subject of this year's current environmental issue station was wetlands. The test for the station, as well as a packet of useful study materials, was prepared by the new Division of Rivers and Wetland Conservation in the DER Bureau of Water Resources.

The "Ecofits," a team comprised of science students from the James Buchanon High School, was the first-place team from Franklin County. Team members are James Meyers, Jason Hainbaugh, Rock Sabetto, Lemar Long, and David Nagy. These students will now represent Franklin County at the seventh annual Pennsylvania State Envirothon at Bald Eagle State Park in Centre County on June 23, 1990.

If the Franklin County Team "Ecofits" wins the State Envirothon, they will compete against Envirothon teams from other states at the Third Annual National Envirothon to be held in Zanesville, OH, in August.

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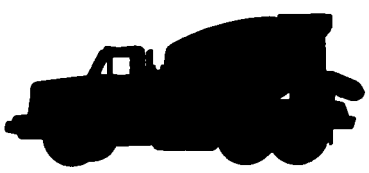

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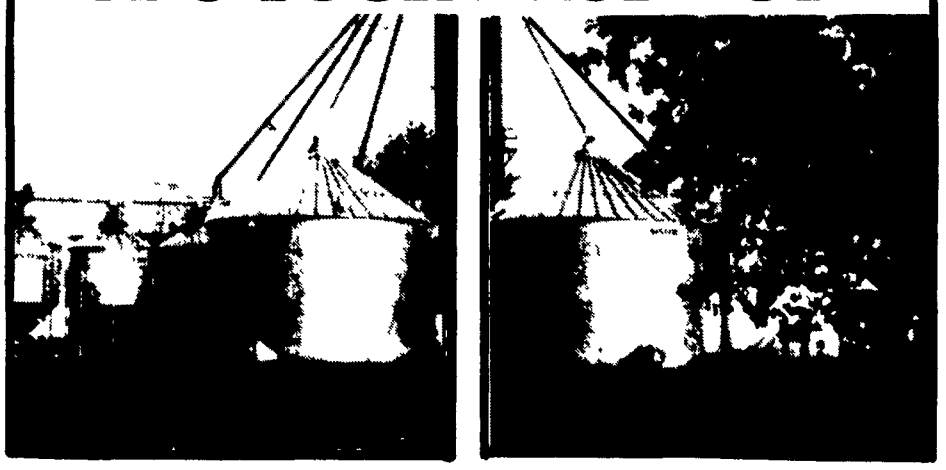

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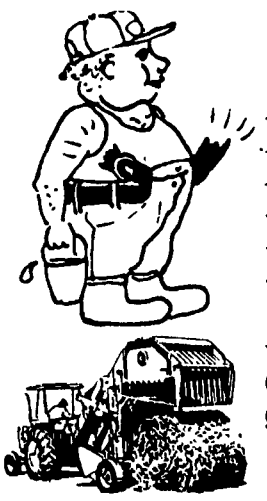

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Conservation Efforts Net Honors For Farmer

ANNAPOLIS, Md.— John Helmstetter, an Allegany County beef farmer, recently received a proclamation from Governor William Donald Schaefer in recognition of his efforts to manage his resources wisely, thereby protecting the environment and the Chesapeake Bay.

The award was received at a dinner held by the Allegany Soil Conservation District in Helmstetter's honor. Rosemary Roswell, assistant secretary at the Maryland Department of Agriculture, presented the proclamation on behalf of the governor and Agriculture Secretary Wayne A. Cawley, Jr.

The Soil Conservation District also awarded Helmstetter with a plaque and special farm sign identifying him as a "Cooperator" with the district.

Helmstetter raises approximately 60 beef cattle on the steep terrain of his 140-acre farm. When financial assistance became available from the Maryland Department of Agriculture to install "best management practices" that protect water quality, Helmstetter as one of the first farmers in the county to partiaipate in the program.

He has installed a number of watering troughs and fencing to keep livestock from polluting farm streams. He also has provided streambank protection by using riprap for stabilization of the soil.

For more information on resource conservation, contact your local Soil Conservation District or the Resource Conservation Office at the Maryland Department of Agriculture, 50 Harry S Truman Parkway, Annapolis, MD 21401, (301) 841-5865.

ASCS Asks Farmers To File Reports

YORK (York Co.)— "We encourage all farmers, whether they participate in farm programs or not, to file an acreage report and protect their crop acreage bases," Roy G. Jackson, member of the York County ASC Committee said.

He said by certifying crop acres, producers establish documentation for future crop acreage bases and also eligibility for different benefits under farm programs, if they decide to participate.

Farm program participants are required to report crops and acreages planted, the uses to be made of these crops, and cropland acres to the ASCS office. They can review aerial photographs of their farm(s) and pinpoint the fields in which the crops are grown. This information is then documented for program compliance and crop acreage bases.

jackson from Felton stated, "It is mandatory for farmers who are participating in this year's programs to file an acreage report, because without the report, they are not really a program participant." Jackson said the report must be filed in order to determine the level at which producers are eligible for price support loans, deficiency payments and other program benefits.

Jackson stated that, farmers must report acreage at the York County ASCS Office that is open between 8:00 a.m. and 4:30 p.m. Monday thru Friday. The ASCS Office is located at 120 Pleasant Acres Road in York. Phone (717) 755-2801. Final certification dates for program crops in York County are: June 15 for fall seeded small grains plus oats; July 16 for spring seeded crops, except oats.

"Eligibility for participation in all programs administered by ASCS is established under law without regard to race, color, age, sex, religion, national origin or physical handicap."

Ag Hosts Trade Officer

ANNAPOLIS, Md. — As part of the ongoing economi· exchange between Maryland and the Canadian province of Saskatchewan, the Maryland Department of Agriculture is hosting Darren Rose, a trade officer from the Saskatchewan government.

While in Maryland, Rose is exploring markets for specialty items such as crafts, wild rice, sunflower seeds, noodles (pasta), and bottled spring water available from producers in Saskatchewan.

At the same time, the Maryland Department of Agriculture is making inroads for sale of Maryland products in Canada. For example, the Saskatchewan Liquor Board is importing Elk Run Vineyard's 1988 American Riesling wine. Elk Run Vineyards is located in Mount Airy, Maryland.

"We at the Maryland Department of Agriculture are happy to be able to host Mr. Rose and show him what Maryland has to offer," said Secretary of Agriculture Wayne A. Cawley, Jr.

With most trade barriers disappearing between the United States and Canada, Cawley has been in the forefront of exploring the Canadian market for Maryland agricultural products. He has twice visited Saskatchewan and his department has hired a marketing specialist to concentrate on expanding Canadian sal:s.

For more information on the ongoing exchange between Maryland and Saskatchewan, contact Robert L. Walker, Deputy Secretary of Agriculture, Maryland Department of Agriculture, 50 Harry S. Truman Parkway, Annapolis, Md. 21401, (301) 841-5881.

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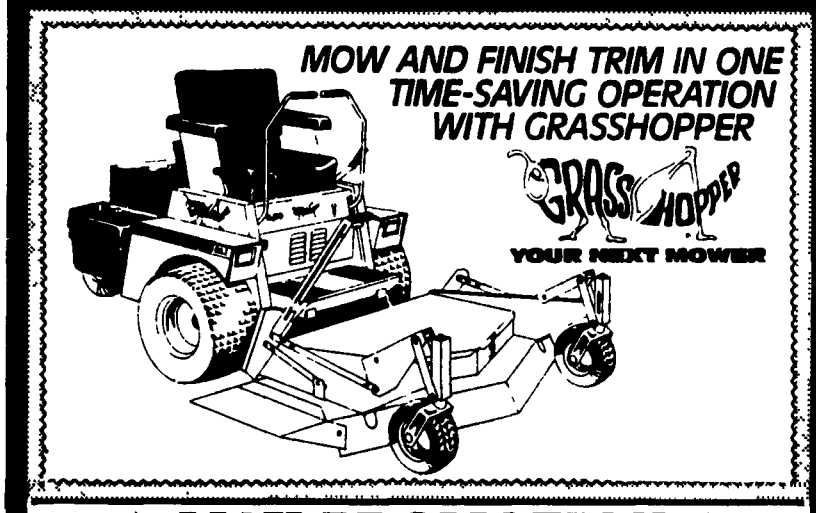

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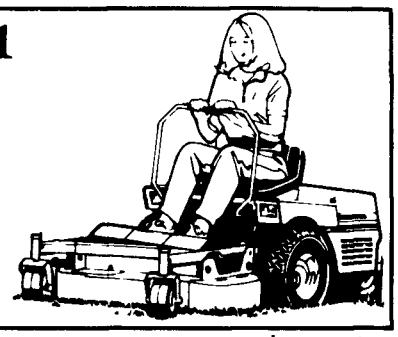

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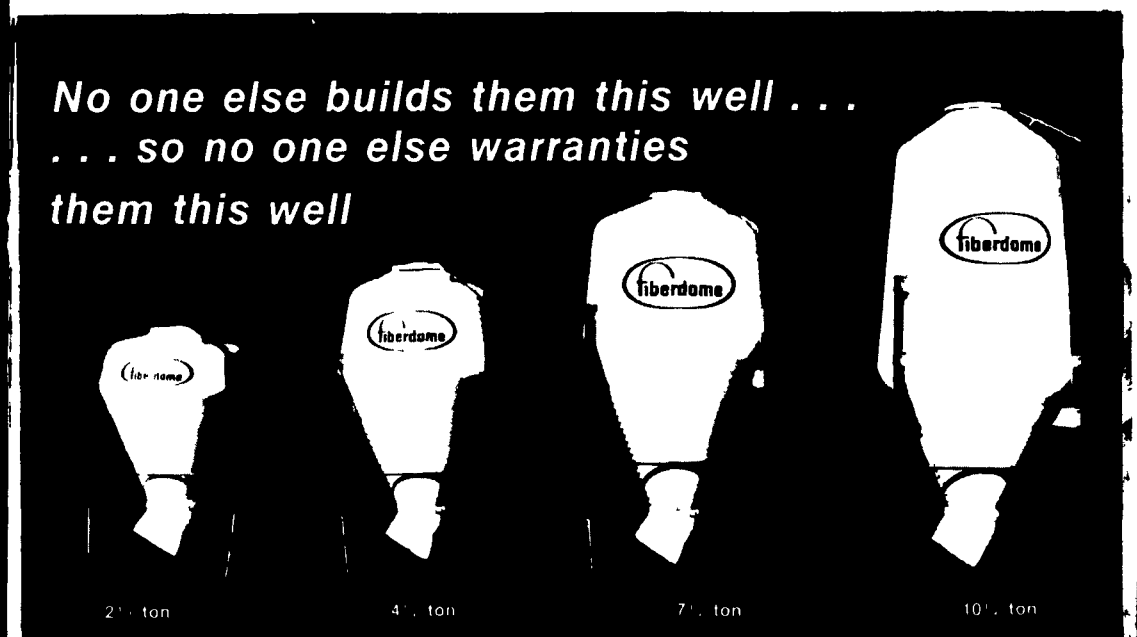

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A Registered Holstein cow owned by Kreider's & Nickle, 132 Center Road, Quarryville, completed the highest 305 day lactation. 8 produced 26,417 lbs. of milk, 1,144 lbs. of butterfat with a 4.5% test. Second high lactation was completed by a Registered Holstein cow owned by Welsh Hill Farms, R.D. #1, Box 74, Morgantown. 59 produced 25,597 lbs. of milk, 1,090 lbs. of butterfat with a 4.2% test in 305 days.

First 305 Days of Lactation With 730 or More Lbs. of Butterfat

Owner - Cow's Name	Brd.	Age	Days	Milk	Test	Fat
Kreider's & Nickle						
8	RH	4-7	305	26,417	4.3	1144
Welsh Hill Farms						
59	RH	8-4	305	25,597	4.2	1090
116	RH	3-6	305	24,073	4.1	999
Elmer M High						
58	RH	6-6	305	27,890	3.8	1082
154	RH	5-10	305	22,714	4.1	934
10	RH	6-2	305	21,794	3.6	792
John E Coleman Jr						
Rosita	RH	3-0	305	26,722	3.9	1053
Weaver Homestead Farm						
91	GrH	3-4	305	23,726	4.4	1051
57	GrH	3-10	305	29,570	3.4	1028
20	GrH	4-10	283	25,054	3.9	984
65	GrH	3-2	305	23,428	3.6	861
78	GrH	2-1	305	22,720	3.7	843
53	GrH	2-4	282	21,347	3.8	831
Robert Kauffman Jr						
Prissy	RH	5-3	305	24,880	4.0	996
Lynn	RH	1-11	305	20,130	4.0	816
Iantha	RH	3-1	305	18,569	4.2	782
Fresca	RH	4-3	305	23,538	3.3	780
Donald B Trimble						
4	GrH	5-8	305	28,259	3.5	988
Timothy Kurtz						
97	RH	4-7	305	23,805	4.1	987
24	GrH	5-4	287	25,737	3.3	851
Warren C Feister						
117	GrH	6-6	305	22,717	4.3	980
Nelson H Wenger						
Chelsea	RH	5-9	305	22,097	4.4	972
Vernon R Umble & Son						
Licoric	RH	4-4	305	23,753	4.0	971
Pam 2	RH	7-4	305	22,920	3.9	906
Pal	RH	3-0	305	25,843	3.3	856
Levity	RH	3-11	284	21,393	3.6	772
Alvin Z Zeiset						
Belle 96	RH	6-2	305	26,520	3.6	958
Fay	RH	4-10	305	16,757	4.5	758
Meadow Vista Farm						
737	RH	3-8	305	22,843	4.1	958
733	RH	3-9	305	22,045	3.9	865
861	RH	2-1	305	18,202	4.4	818
Dennis R Bender						
86	GrH	4-5	305	20,713	4.6	954
Walnut Run Farm						
656	GrH	3-3	305	28,837	3.3	951
653	GrH	3-5	305	23,523	3.9	918
475	RH	6-5	303	23,650	3.7	879
770	GrH	2-2	305	21,127	4.0	853
769	RH	1-11	305	19,691	3.8	761
767	RH	2-4	305	23,913	3.1	757
581	RH	4-3	305	24,526	3.0	744
Albert Breneman						
5 Fort	RH	3-5	305	26,441	3.6	951
Glenn R Bushong						
Sherry	RH	7-6	305	23,881	3.9	951
Sally	GrH	4-0	305	23,508	3.5	826
Spring Belle Farm						
Peeper	RH	6-2	305	23,601	3.9	938
John & Barb Brubaker						
Lauren	RH	4-1	305	29,795	3.1	931
Betsy	RH	5-3	305	20,916	4.3	915
Sally	RH	3-2	305	22,883	3.7	851
Jody	RH	6-3	305	20,910	4.0	848
Stevie S Stoltzfus						
7	GrH	5-7	305	30,127	3.0	927
67	GrH	3-4	305	25,453	3.2	823
9	GrH	5-6	305	21,356	3.7	791
Cedar Fringed Farm						
Iline	RG	3-2	305	20,751	4.4	922
Deborah	RG	5-4	305	15,338	4.9	751
Anabel	RG	2-1	305	15,045	4.8	734
Lester C Stoltzfus						
Seven	GrH	7-0	305	24,447	3.7	917
Robert & Linda Sensenig						
70	RH	4-3	305	25,202	3.6	916
45	RH	3-7	305	25,578	3.3	857
15	GrH	4-1	305	24,301	3.3	821
John F Petersheim						
75	RH	4-5	305	21,687	4.2	911
Kenneth E Zurin						
799	GrH	3-2	305	22,503	4.0	910
607	RH	4-6	305	18,963	4.4	844
925	GrH	2-2	305	19,052	4.2	817
961	GrH	1-11	305	19,376	4.1	796
575	GrH	4-9	305	19,209	4.1	795
807	GrH	3-1	305	19,991	3.9	794
791	GrH	3-2	305	23,857	3.3	793
953	GrH	2-0	288	19,736	3.8	767
674	GrH	4-1	290	18,323	4.0	736
Lapp Valley Farm						
Terry	RH	4-1	305	26,312	3.4	906
Teabry	RH	4-2	305	22,419	3.9	879
Daryl & Sam Martin						
265	GrH	3-4	304	21,817	4.1	906
312	GrH	2-3	305	20,940	3.6	769
91	GrH	6-6	273	24,062	3.0	744
Jay L Ranck						
Flora	GrH	5-7	305	23,549	3.8	904
Mahlon E King						
Sally	RH	5-7	305	22,868	3.9	903
Lynn	GrH	3-0	292	18,929	4.2	802
Kreider Dairy Farm						
180	GrH	5-10	305	23,969	3.7	900
964	GrH	3-3	305	19,541	4.4	874
892	GrH	3-10	305	25,427	3.4	866
965	GrH	3-1	305	23,171	3.7	858
68	GrH	5-6	305	22,489	3.7	838
904	GrH	5-2	294	23,070	3.6	836
74	GrH	3-1	289	18,258	4.1	753
941	GrH	1-11	305	17,824	4.2	749
124	GrH	3-3	289	19,347	3.8	743
David & Sylvia King						
Charm	RH	5-7	305	20,010	4.4	898
Noah Kreider & Sons						
214	GrH	7-10	305	22,290	4.0	895
608	GrH	4-7	305	22,173	3.9	881
605	GrH	2-0	305	21,702	3.7	810
319	GrH	7-5	275	17,619	4.6	810
204	GrH	3-2	305	18,673	4.2	785
493	GrH	5-7	305	22,087	3.4	770
765	GrH	4-0	305	20,671	3.7	779
481	GrH	4-2	284	16,386	4.5	745
566	GrH	4-0	271	20,291	3.6	733
Thomas C Lapp						
Topsy	RH	3-8	305	23,565	3.7	891
Petal	RH	6-9	305	20,473	3.8	785
Jolly	RH	3-1	305	17,782	4.3	772

(Turn to Page D17)

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A Versatile Economical Elevator For Bales and Ear Corn

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880 SERIES PORTABLE BALE ELEVATOR & MOW CONVEYOR SYSTEM
The Zimmerman drive unit is unique. It can be located anywhere along the conveyor and has a completely self-contained gear reducer and motor. This eliminates the need for belts and chains.

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Other Models 3000 To 24,000 GVW
Also Available

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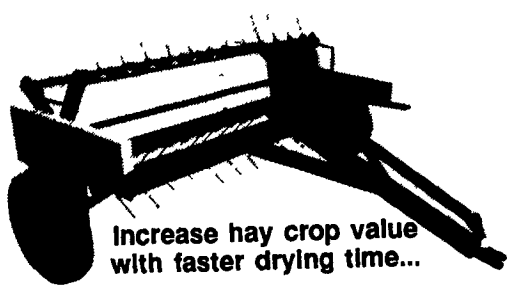

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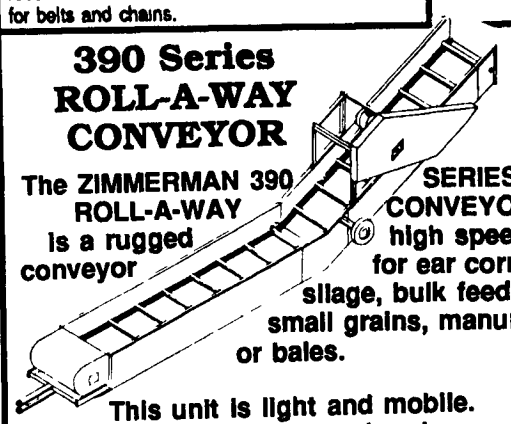
The ZIMMERMAN 390 SERIES ROLL-A-WAY CONVEYOR is a rugged conveyor high speed for ear corn, silage, bulk feeds, small grains, manure or bales.



This unit is light and mobile. It can be moved by hand or pulled with a tractor.

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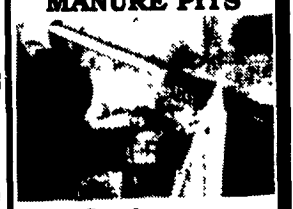

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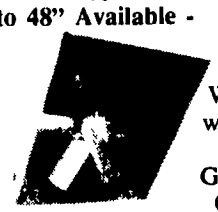


Wall Fan w/Hood & Painted Galvanized Cabinets

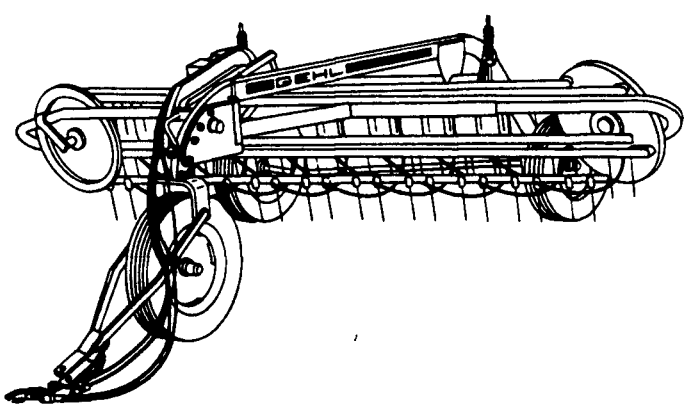
Lancaster Co. DHIA

(Continued from Page D16)

A Dale Herr						
67	GrH	4-11	305	21,771	4.0	889
26	GrH	4-3	305	19,991	3.9	794
Robert E Kulp						
60	RH	6-9	305	23,681	3.7	888
Tom Zartman						
143	RH	3-10	305	21,192	4.1	887
Robert H Rohrer & Sons						
49	GrH	3-2	305	25,721	3.4	886
Daryl Balmer						
D Angel	RH	4-10	305	25,372	3.4	886
Mar Muldale Farm						
Jolly	RH	6-11	305	23,479	3.7	886
Irean	RH	4-3	305	19,414	4.4	861
Stephen L Martin						
19	GrH	3-9	305	19,377	4.5	874
25	GrH	5-3	305	21,507	3.9	851
Titus B Stoner						
Glenda	RH	4-4	305	23,109	3.7	872
Neffdale Farm						
Lizzie	RH	5-8	297	22,709	3.8	871
Sonya	RH	6-3	305	20,586	4.1	844
Loren L Zimmerman						
Alert	RH	5-11	305	21,245	4.1	871
Virgi	RH	3-9	305	19,204	4.1	790
Dinny	RH	2-7	291	18,400	4.0	752
Kitty	RH	2-2	305	19,973	3.6	728
Dingo	RH	2-2	292	19,052	3.8	736
Henry D Zimmerman						
5001	GrH	2-7	276	23,956	3.6	865
John H Howard						
Karen	RH	6-6	305	23,740	3.6	862
Shannon	RH	2-8	305	21,841	3.8	842
Edwin Sensenig						
73	RH	3-2	305	22,436	3.8	860
Earl N Landis						
Bonita	RH	3-2	305	27,457	3.1	855
Thelma	RH	6-8	305	17,637	4.6	816
Beverly	RH	4-9	259	18,245	4.0	730
Paul S Horning						
Dolly	GrH	3-6	305	23,038	3.6	851
Amos N Martin						
Willis	GrH	3-9	283	24,495	3.4	849
Christa	GrH	5-6	305	21,348	3.5	759
J Robrt Kindig						
Krissy	RH	5-11	305	25,095	3.3	848
Marvin J Zook						
Prilly	RH	6-4	305	23,166	3.6	848
Alelpa Farms						
699	GrH	5-3	305	19,281	4.3	841
394	GrH	4-0	305	20,506	3.8	796
John B Stoltzfus						
120	GrH	5-10	305	21,114	3.9	835
El-Dell Farm						
Fran	RH	3-2	305	19,779	4.2	835
Graywood Farms						
234	GrH	10-0	305	20,019	4.1	828
Ben & Marian Stoltzfus						
Babe	GrH	3-1	300	19,915	4.1	828
Sandy	GrH	1-10	305	17,793	4.6	819
Curtis E Akers						
Sis	RH	6-9	305	25,734	3.2	826
Tippy	RH	3-8	289	19,908	4.0	807
Tritown Farm						
Elrod	RH	6-3	305	25,210	3.2	821
Dawn 23	RH	9-3	305	25,671	3.1	798
Omar Smoker						
Jenny 22	RH	7-7	305	22,010	3.7	816
Oakridge Farm						
20	GrH	6-8	305	20,276	4.0	815
Glenn Burkholder						
Leda	RH	7-3	305	22,507	3.6	814
Wilmer L Shertzer						
83	RH	4-8	305	22,332	3.6	814
Galen W Crouse						
Kara	RH	3-5	305	17,556	4.6	813
James W Bowman						
Marlene	GrH	10-4	305	21,783	3.7	812
LeRoy R Martin						
171	RH	4-2	305	22,042	3.6	808
Merrill E Nolt						
26	GrH	5-4	305	21,178	3.8	808
Hawthorne Brothers						
150	RH	6-2	305	22,267	3.6	806
50	GrH	4-7	300	18,013	4.2	768
Ken & Lisa Walker						
Betty	GrH	4-4	305	25,174	3.1	804
Richard Sauder						
Darlene	RH	4-4	305	20,889	3.8	803
Heather	RH	1-11	305	18,205	4.3	799

(Turn to Page D18)

GEHL



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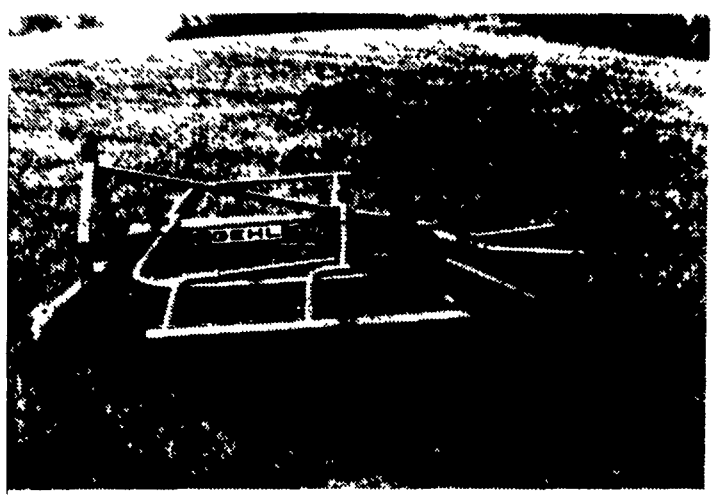

Fluff and dry!

Gehl offers **tractor-mounted and pull-type rotary rake models** with working widths from **10 ft. to 11 ft., 10 in.** These easy-to-use low maintenance rakes produce fluffy, fast-drying windrows. The cam-controlled arms with long tines **form high standing, fluffy windrows** for easier pickup by a baler or forage harvester. See your Gehl dealer today to find out how a rotary rake will fit into your haymaking operation.

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Lancaster Co. DHIA

(Continued from Page D17)

Daniel K Kauffman						
Spot	GrH	2-1	305	16,508	4.8	803
Samuel J Stoltzfus						
69	GrH	6-3	305	21,022	3.8	802
Irene 30	RH	7-5	305	16,999	4.4	754
Jacob C Fisher						
Liz 8	GeH	5-5	305	19,457	4.1	799
Ken & Nelson Stoner						
162	RH	2-2	305	18,279	4.3	799
100	RH	3-8	305	19,828	3.7	752
Welsh-Vista Farms						
46	RH	3-1	305	25,147	3.1	798
5	RH	2-2	305	19,253	3.8	736
Robert D. Harnish						
57	GrH	8-1	305	20,791	3.8	798
S&A Kreider & Sons						
184	RH	6-1	291	19,762	4.0	798
Best Bros						
85	GrH	6-6	305	23,661	3.3	797
Norman H. Nolt						
Brenda	RH	4-9	305	19,938	3.9	796
Martin Nolt & Sons						
74	RH	6-0	305	20,795	3.8	794
Emanuel S. Smucker						
Darlene	RH	4-6	305	21,260	3.7	793
Jolly	RH	5-1	305	20,019	3.7	758
Red Knob Farm						
882	GrH	2-3	305	18,436	4.3	793
Paul H Rohrer & Sons						
113	GrH	3-4	305	23,578	3.3	791
Melody Lawn FArms						
Dixie	GrH	4-4	305	20,359	3.8	791
Dimples	GrH	1-11	305	19,920	3.8	770
Aaron B. Lantz						
Prilly	RH	3-7	305	18,922	4.1	791
Leonard J. Stoltzfus						
Alma	RH	1-11	305	18,146	4.3	791
Brandyvale Farm						
Bonnie	RH	5-3	305	23,176	3.4	790
Rhelda & Lynn Royer						
Flirt	RH	3-4	305	23,076	3.4	789
J. Robert Musser						
8	GrH	3-11	305	20,345	3.8	789
Six Corner Farm						
Fmmy	RH	5-8	305	23,553	3.3	788
Calvin D. Beiler						
Amy	RH	5-3	305	23,436	3.3	784
Axel Linde & Mildred Widmann						
Alamo	RG	6-2	305	16,213	4.8	784
Geneva	RG	4-6	305	16,396	4.6	763
Windmill Farm						
Dolly	GrH	3-3	305	21,470	3.6	783
Thunder	GrH	7-8	305	20,292	3.8	780
Ar-Len Farm						
Carol	RH	5-4	305	18,340	4.2	783
David W. Sweigart						
39	RH	2-1	305	21,195	3.6	780
Robert Martin						
8	GrH	4-0	305	26,465	2.9	778
J.S. Smucker-Sons Farm #1						
733	RH	4-2	281	21,580	3.6	777
Alvin W. Sensenig						
48	GrH	6-6	305	20,714	3.7	777
Robert W. Ulrich Jr.						
Shasta	RJ	6-3	305	14,707	5.2	777
Pride	RJ	7-10	305	16,867	4.4	745
John P. Lapp						
Cindy	RH	3-4	305	20,582	3.7	775
Dwight R. Houser						
Saucer	RH	6-10	305	18,885	4.1	774
Soup	RH	5-4	305	21,350	3.5	758
New Acres						
58	GrH	4-10	305	23,656	3.2	773
30	GrH	8-4	305	18,949	4.0	759
64	GrH	6-10	305	19,047	3.9	753
34	GrH	3-5	305	19,138	3.8	741
Kevin S. Smoker						
Clover	RH	3-3	305	21,215	3.6	773
Monica	RH	2-2	305	20,978	3.6	767
Sandy Hollow Farm						
Mayme II	GrH	5-3	297	20,385	3.7	773
John D. Nissley						
Linda	RH	3-4	305	17,961	4.3	772
Nelson Nolt						
Bluie	GrH	5-6	305	19,841	3.8	771
Romella Farms						
Lucille	RH	6-6	303	18,353	4.2	771
Buchen Farms						
859	RH	6-8	305	20,527	3.7	770
J. Haold Fritz						
116	GrH	4-6	289	21,304	3.6	769
613	GrH	3-7	305	21,186	3.5	755
Jonas M. Zeiset						
Nancy	GrH	5-8	302	21,169	3.6	769
Karl W. Herr Holstein						
Minney	RH	5-3	305	20,571	3.7	768
E. Richard Bruckhart						
Goldrod	RH	5-5	305	19,011	4.0	767
Wea-Land Farm						
Abra	RH	5-11	305	21,174	3.6	766
Lucky	RH	3-7	305	20,131	3.6	735
M.B. & Gary Stoltzfus						
10	GrH	7-7	305	23,842	3.2	765
Robert L. Shelly						
Debbie	RH	3-2	305	20,819	3.6	765
J. Richard Brenneman						
Velma	RG	4-1	305	17,328	4.4	763
Leah	RG	5-2	305	15,918	4.7	748
Ivan S. Stoltzfus						
Beth	RH	2-9	305	20,390	3.7	762
Steve M. Stoltzfus						
Jean	GrH	5-0	305	22,531	3.3	761

(Turn to Page D20)

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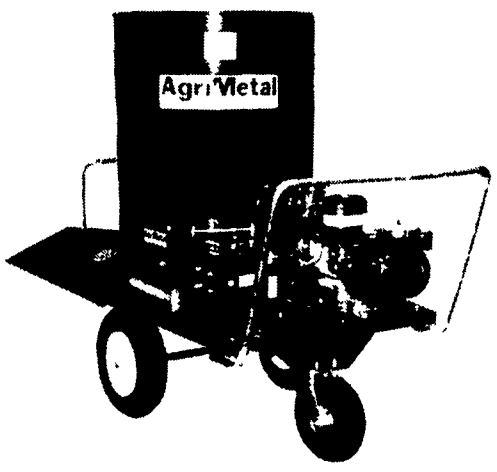

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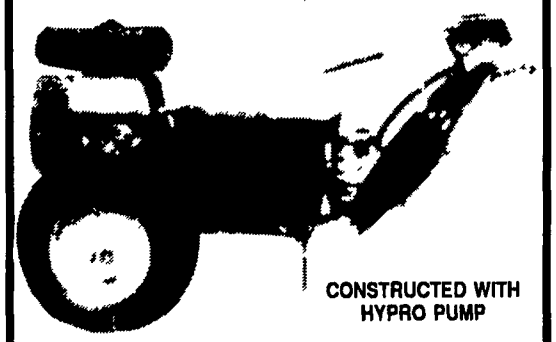

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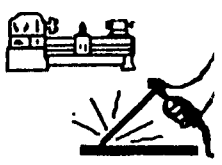

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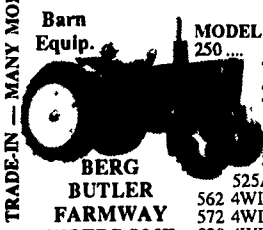

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505	70	$10,995
525A 4WD	70	$12,825
562 4WD w/Cab	70	$13,479
572 4WD w/Cab	70	$13,975
820 4WD	85	$14,895
822 4WD w/Cab	85	$16,222
922 4WD w/Cab	100	$23,142
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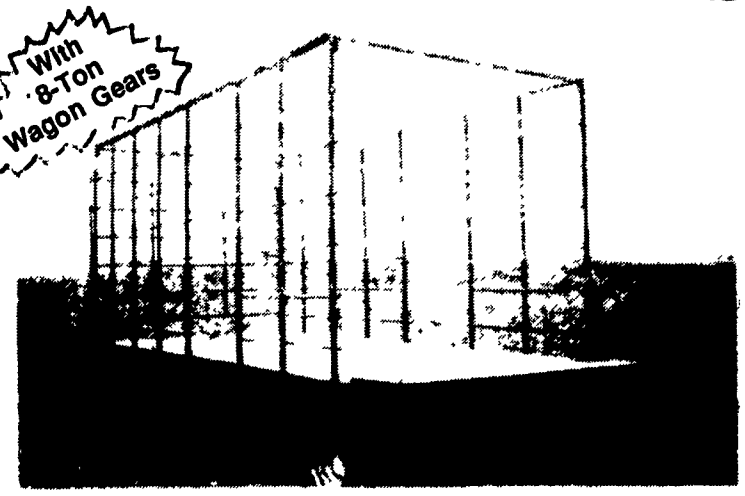

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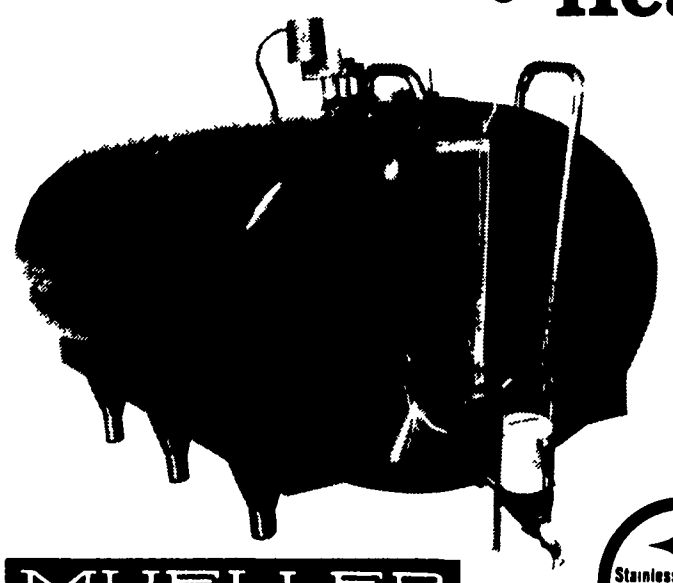

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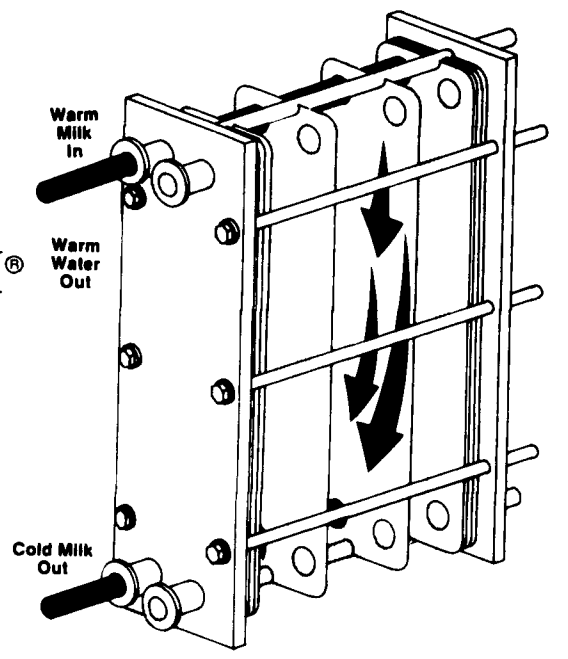

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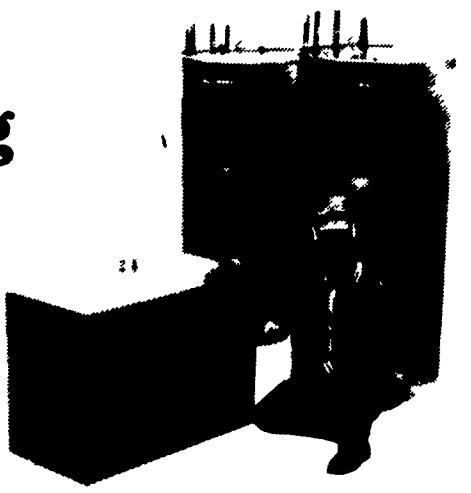

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Lancaster Co. DHIA

(Continued from Page D18)

Warren S. Auker						
18	RH	2-6	305	22,333	3.4	759
David D. Zimmerman						
Monica	RH	3-1	305	21,869	3.4	758
Kenneth D. Myer						
Lass	RH	4-9	305	21,590	3.5	757
Edgefield Farms						
Elma	RH	3-0	305	18,445	4.0	753
Glenn R. Binkley						
129	RH	2-3	305	22,375	3.3	752
Clair Good						
Molie	RH	5-6	305	19,402	3.8	752
Rohrer Brothers						
Tammy	RH	4-6	287	20,201	3.7	750
J. Wilmer Conrad						
Irish	RH	5-8	305	19,897	3.7	750
J. Ray Ranck						
Victora	GrH	7-8	305	21,686	3.4	749
John Omar Stoltzfus Jr.						
Lynn	RH	3-5	305	19,948	3.7	748
Nelson H. Hershey						
164	GrH	5-10	305	17,868	4.1	748
Curvin W. Nolt						
145	RH	3-11	305	22,499	3.3	747
115	RH	5-8	305	21,212	3.5	743
Ben G. Lantz						
Grace	GrH	4-4	305	20,122	3.7	747
Harlan W. Hoover						
55	GrH	5-5	305	23,828	3.1	743
Hershvale Farms						
97	RH	3-5	305	22,549	3.3	743
Galen C. Martin						
Mandore	RH	3-0	299	17,966	4.1	743
Truman Hertzler						
151	GrH		305	17,457	4.2	743
J. Harold Musser & Son						
250	GrH	3-0	260	15,885	4.6	743
John S. Zimmerman						
9	RH	6-3	271	19,472	3.8	742
Vernon W. Heisey						
Blackbe	RH	7-9	305	19,811	3.7	741
Melvin L. Shertzer						
Honeybun	RH	4-0	293	18,961	3.9	740
J. Floyd Kreider						
40	RH	3-3	305	22,024	3.3	739
Creek Knoll Farm #1						
Stormy	RH	5-2	305	24,605	3.0	738
Honey	RH	6-2	305	17,830	4.1	733
Earl E. Martin						
Jody	RH	10-5	305	17,594	4.1	736
Carl L Eberly						
93	GrH	7-8	305	24,937	2.9	734
Melvin R. Eby						
Pearl	RH	3-3	305	20,352	3.6	734
Tom & Dale Smith						
Eula	RH	3-2	305	19,997	3.6	732
Twin Oak Farms						
501	GrH	3-5	305	18,315	4.0	732
Earl H. Hoover						
40	GrH	5-7	290	18,289	4.0	732
Piller-Pride Farm						
20H	GrH	3-5	305	15,367	4.7	732
Meadow Springs Farm						
Patty	RH	5-6	305	22,055	3.3	731
Roy E. Sensenig						
38	RH	8-4	278	21,741	3.3	730

Susquehanna County DHIA
March, 1990
Lactation Report

Lymanstead Farm					
Cassi	RH	5-2	305	19,519	933
Lyn Nan Farm					
Dulcie	RH	8-5	305	24,170	1063
Walter E Brooks					
#Sherri	RH	3-7	305	18,682	915
James Swetter					
Burnt	GH	9-0	305	20,798	855
Country Heaven Farms					
Crystal	RH	5-3	305	29,726	955

Montour County DHIA
March, 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Carl R Slater & Son	3	37.1	87.0	22,897	806
Mar-Ja Farm	3	159.8	91.2	17,164	709
Daryl+Nancy Landis	B3	73.2	84.7	18,250	707
William A Vegh	5	9.8	90.2	16,647	696
Ralph Kitchen	B3	40.8	90.5	17,952	681
William A Vegh	B3	49.9	89.8	18,502	676
Ed & Maryann Baker	B3	67.0	89.4	18,055	661
Lundy Brothers	B3	28.0	86.8	17,909	660

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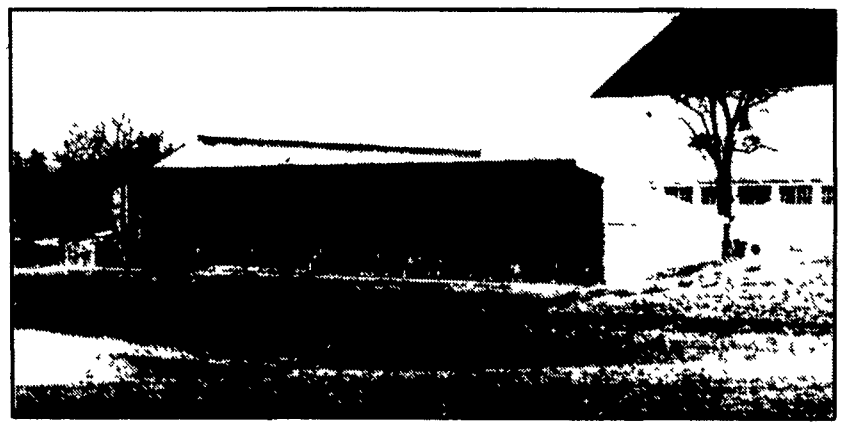

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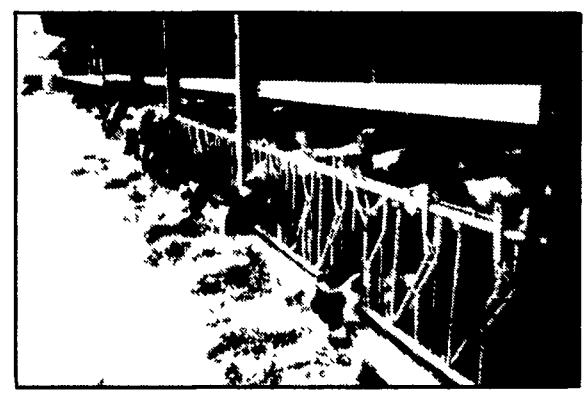

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Pork Ed Programs Reach Thousands

DES MOINES, Iowa — The National Pork Board has contracted with the National Livestock and Meat Board's (NLSMB) Pork Industry Group (PIG) to execute several pork education programs in 1990. PIG will develop a checkoff-funded pork cookery video, distribute an educational guide, and revise a college-level resource guide.

"The main objective of pork education programming is to develop positive attitudes toward pork and the pork industry among college students majoring in nutrition and other health-related fields," said Hilman Schroeder, National Pork Board president. "Pork education programs like this help develop positive pork attitudes in elementary through high-school-age-students and are likely to influence their adult eating habits."

A pork cookery video is targeted at junior high and high school home economic teachers and their students. The video will feature new pork cooking time and temperature recommendations, and updated pork nutrient information expected to be available later this year.

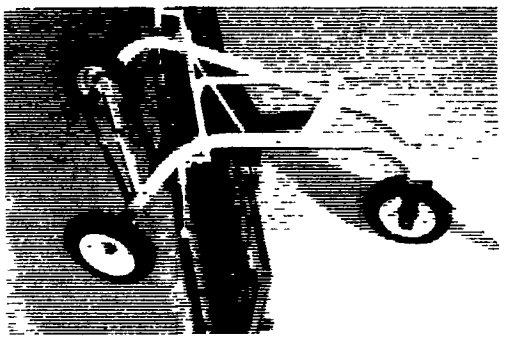
"Focus on Pork," a 16-page guide for home economics/consumer education teachers and students, has been revised to include new pork cooking guidelines. So far, 67,000 of the guides have been distributed this year. The guide will be updated when the new pork nutrient data is available later this year and be used alone or as a companion piece to the pork cookery video. "The 'Focus On Pork' information is fantastic," said Audrey Richards, a high school home economics teacher in Crivitz, Wi. "It is an excellent resource for teaching the meats unit of my class."

"Lessons on Meat," a primary resource guide to pork and other meats in teaching college-level foods classes, is being updated to include the new pork cooking recommendations. A total of 10,000 of these guides are expected to be printed and distributed to food professionals this fall.

Checkoff funds will continue to finance several ongoing pork education programs administered by PIG. One program that has had a positive impact on elementary school children is the "Coming to America" educational kit that shows the importance of processed meat items in the development of America.

"The response for 'Coming to America' has been outstanding. In fact, the original printing of 3,000 kits that was expected to fulfill requests through 1990 was depleted within three weeks of the program's announcement," said Barbara Selover, M.S., NLSMB director of education. "To date, more than 8,000 kits have been distributed, reaching hundreds of thousands of students in rural, suburban, and metropolitan areas."

Custom Made Windrows



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Environmental Safety Means $Millions

WASHINGTON, D.C. — Farm supply dealers will spend at least $100 million on environmental safeguards over the next five years, according to a new survey.

Dealers were surveyed on safety and environmental issues at a recent conference on agricultural legislative issues in Washington, D.C. The conference was sponsored by the U.S. Department of Agriculture, the U.S. Environmental Protection Agency, and ICI Americas Inc., a leading manufacturer of crop protection products.

More than 200 dealers — representing about one-sixth of the nation's agrichemical sales — answered the survey, according to ICI.

Spending for safeguards

The dealers said that during the past five years, they had spent an average of almost $55,000 each on environmental safeguards. They projected that such spending would be 79 percent higher for the next five years. That means the average dealer will spend about $97,000 by 1995 to safeguard his plant against environmental mishaps.

"Farm suppliers are spending money on both structural and informational aspects of environmental protection," said David Walton, ICI business manager.

Structural safeguards include such improvements as impermeable concrete floors and dikes for chemical storage and loading areas to prevent potential spills or groundwater contamination. Informational costs include educational programs and complying with ever-tightening regulations on farm chemicals.

Some 93 percent of the dealers said that farmers and farm suppliers are equally or more concerned about environmental issues as people in urban areas. An overwhelming 225 dealers — 97 percent of the group — said they consider themselves to be environmentalists.

Read the label

A majority of farmers rely on dealers for crop production advice, according to the survey. The dealers named a wide variety of environmental safeguards that they typically recommend, including:

- Following all directions on EPA-approved product labels.
- Managing nitrogen fertilizer rates and applications to minimize potential groundwater contamination.
- Controlling soil erosion.
- Properly rinsing and disposing of leftover containers after farm chemicals are applied.

Close to 80 percent of dealers surveyed said they recommend low input sustainable agriculture (LISA) practices, and that their customers are using them. The two LISA practices dealers mentioned most often were soil testing and crop rotation.

But 96 percent of dealers said non-farm/urban populations do not believe farmers are practicing low-input management.

Misunderstood by public

Dealers believe that farm community's position on environmental issues isn't well understood by the general public. Eighty-five percent said that urban consumers do not believe farmers are using sound environmental practices.

However, most dealers aren't opposed to public opinion playing a part in the regulation of farm chemicals. Sixty-three percent said regulation should be based on a combination of scientific review and public opinion. A large minority, 37 percent, believed that only scientific review should be considered.

Sixty-three percent of dealers said that to best serve the public interest, federal government should regulate farm chemicals. A surprising 70 percent said state government should regulate farm chemicals; 27 percent said it should be the responsibility of local government. In the survey, dealers could choose more than one governmental body that they thought should regulate farm chemicals.

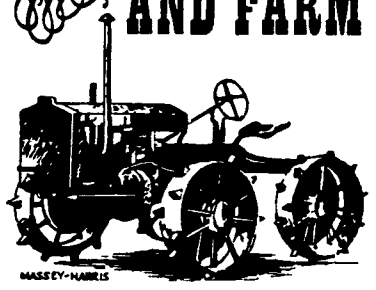
About 155 dealers — 69 percent of the group — said they would like to see more leadership from the USDA extension service in educating farmers and suppliers about environmental safeguards.

Commitment to environment

On the whole, the survey results show a movement among growers and dealers toward self-imposed environmental safeguards, said Walton of ICI. "A key element in the campaign, however, will be showing the non-farm public just how committed the agricultural industry is to environmental protection," Walton said.

Virginia Smith, a farmer and congressional representative from Nebraska, told a group of farm suppliers during the conference, "the greatest environmentalists are our farmers and ranchers. We have more at stake in preserving our land than anyone else, because we're working off the land and preserving it for our children."

ANTIQUE ENGINE, TRACTOR AND FARM TOY SHOW



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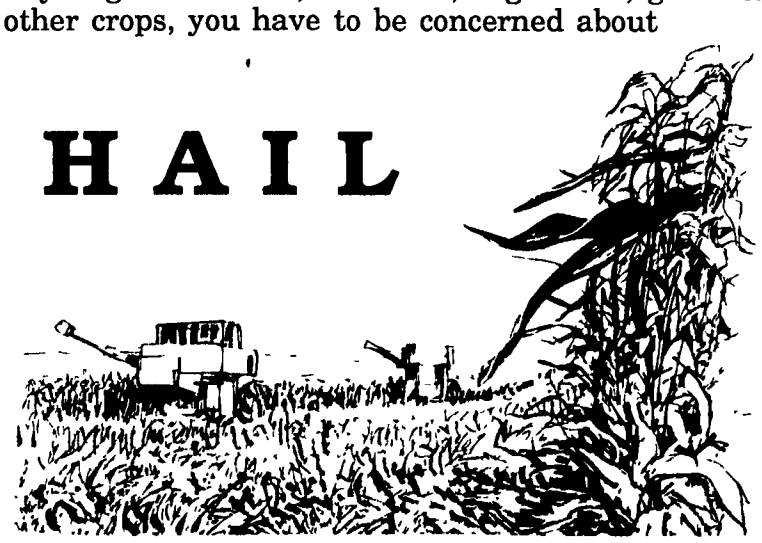

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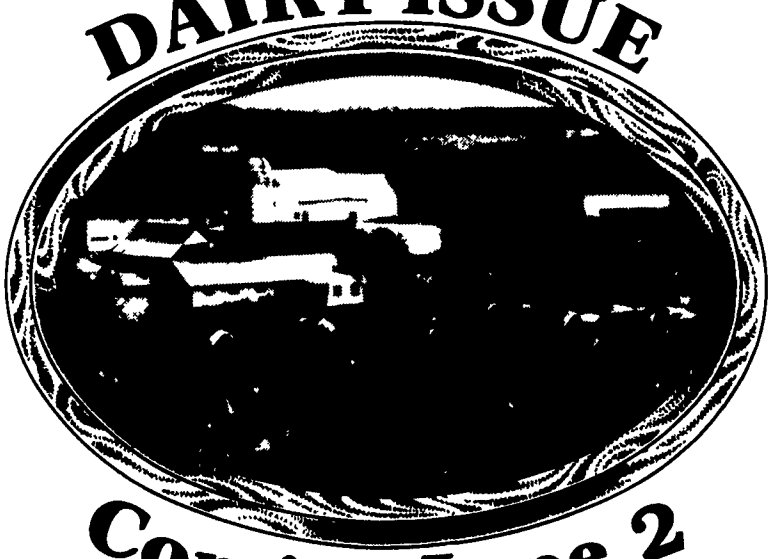

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NY Bull Test Sale Averages $1,921

ITHACA, NY. — An excellent group of record setting yearling bulls was offered on May 4, 1990 to a standing room only crowd at the Livestock Pavilion on the Cornell University Campus in Ithaca, N.Y. Forty-seven performance tested bulls averaged $1,921 at this 11th annual event sponsored by the New York Beef Cattlemen's Association, Cornell Cooperative Extension, and New York Department of Agriculture and Markets.

Ninety-nine bulls representing fifty-nine consignors from six states completed the 140 day test and established a cumulative average daily gain (ADG) record of 4.02 lbs. Also achieved was a record weight per day of age (WPDA) of 3.27 lbs. Four of the 47 bulls selling achieved "Certified Superior" status.

The top selling bull was a "Certified Superior" Black Angus, #95027, for $3,400 consigned by Ballantrae Angus Farm, Westfield, NY, and purchased by Darryl Propheter, Mayville, NY. This son of Grubbs MacKenzie had a 205 day wt of 624 lbs, and a 365 day wt of 1,340 lbs. His individual performance records were an ADG of 4.63 lbs. and a WPDA of 3.67 lbs. The second highest price $3,150 was also brought by a Black Angus, #95047, selling to Curtis Kundert, Wallkill, NY. Consigned by Rosebank Angus Farm, this son of Dameron Linedrive had a 205 day wt of 636 lbs and a 365 day wt of 1,225 lbs. His individual performance records were an ADG of 4.31 lbs and a WPDA of 3.36 lbs. The other "Certified Superior" Black Angus, #95056, fetched $3,000 from Gerald Leahy, Whitney Point, NY. This son of Grubbs MacKenzie consigned by Bippert's Farm, Alden, NY had a 205 day wt of 725 lbs and a 365 day wt of 1,304 lbs. For the test he had an ADG of 4.45 lbs and a WPDA of 3.57 lbs. Two other Black Angus consignments also brought $3,000 each. #95015 from Drover Hill Farm, Earlville, NY went to Sunrise Farm, Auburn, NY and #95048 from Advent Hill Farm, Hartland, VT went to Curtis Kundert. The 18 Angus bulls averaged $2,241.

The high selling Simmental was #95059 for $2,550 to John Gregory, Auburn, NY. Consigned by Edgar Hussey, Jr., South Berwick, Maine, this son of GRTE Sir Sal had a 205 day wt of 650 lbs and a 365 day wt of 1,212 lbs. His individual performance records were an ADG of 3.39 lbs and a WPDA of 3.32 lbs. Edwin Clairmont, Adams, Massachusetts, gave $2,400 for a Simmental, #95077, from Shoemaker's Simmental, Mann's Choice, PA. Sired by Payroll he had a 205 day wt of 610 lbs and a 365 day wt of 1,248 lbs. His test ADG was 5.09 lbs and WPDA was 3.42 lbs. The four Simmental bulls averaged $1,932.

The top selling Polled Hereford, #95098, brought $2,750 from Curtis Kundert. Sired by Raceway 1900 this "Certified Superior" consignment from Stone Ridge Farm, Livingston Manor, NY had a 205 day wt of 501 lbs and a 365 day wt of 1,318 lbs. His individual performance records were an ADG of 4.75 lbs and a WPDA of 3.61 lbs. The second highest selling Polled Hereford, #95096, fetched $2,100 from Chuck Tuttle, Canadaigua, NY. Also consigned by Stone Ridge Farm and sired by Raceway 1900 this bull had a 205 day wt of 546 lbs and a 365 day wt of 1,226 lbs. He had an ADG of 4.20 lbs and a WPDA of 3.36 lbs. The 10 Polled Herefords averaged $1,720.

Two of the Shorthorn bulls each brought $2,300. #95091 went to Sunrise Farm. Consigned by Springbrook Farm-Trista, Parish, NY this son of Ayatollah had a 205 day wt of 605 lbs and a 365 day wt of 1,278 lbs. He had an ADG of 4.37 lbs and a WPDA of 3.50 lbs. #95090 consigned by Bonnie Morris, Parish, NY also went to Sunrise Farm. Sired by WS Instant Enticer this bull had a 205 day wt of 590 lbs and a 365 day wt of 1,185 lbs. His individual performance records were an ADG of 4.38 lbs and a WPDA of 3.25 lbs. William Pulos, Alfred, NY paid $1,700 for the only "Certified Superior" Shorthorn. Consigned by Ashwood Farm, Castle Creek, NY #95001 had a 205 day wt of 627 lbs and a 365 day of 1,325 lbs. He had an ADG of 4.45 lbs and a WPDA of 3.65 lbs. The seven Shorthorn bulls averaged $1,764.

The high selling Charolais brought $1,800 from Maynard Hall, Penn Yan, NY. This bull, #95053, consigned by Meadow View Farm, Frankfort, NY had a 205 day wt of 586 lbs and a 365 day wt of 1,173 lbs. He had an ADG of 4.16 lbs and a WPDA of 3.22 lbs. The four Charolais bulls averaged $1,612.

The lone Red Angus, #95013, brought $2,100 from Don Werth, Cohocton, NY. Consigned by Ken Marquis, Ithaca, NY this son of VAF 181S had a 205 day wt of 640 lbs and a 365 day wt of 1,226 lbs. His ADG was 4.07 lbs and WPDA was 3.36 lbs.

The single Gelbvieh, #95086, consigned by Elmer Newman, DeKalb Junction, NY brought $2,000 from George Brown, Machias, NY. Sired by Minnesota Magnum, this bull had a 205 day wt of 664 lbs and a 365 day wt of 1,315 lbs. His individual performance records were an ADG of 4.74 lbs and a WPDA of 3.60 lbs.

The only Hereford, #95039, brought $1,100 from Mike Locke, Homer, NY. Consigned by David Schubel, Medina, NY and sired by WS Approval 621 this bull had a 205 day wt of 648 lbs and a 365 day wt of 1,186 lbs. His ADG was 4.26 lbs and WPDA was 3.25 lbs.

The one Chianina, #95064, brought $1,025 from Ken Post, Auburn, NY. Consigned by Peoples/Mapleview Ranch, Volant, PA this son of VF Prospector CA had a 205 day wt of 697 lbs and a 365 day wt of 1,252 lbs. His ADG was 4.27 lbs and WPDA was 3.43 lbs.

The volume buyer was Sunrise Farm, Auburn, NY. They took home three Angus and three Shorthorn bulls to complement their crossbreeding program. Curtis Kundert, Wallkill, NY purchased two Angus and one Polled Hereford. Four other buyers purchased two bulls each.

William Greene, Bull Test Director, said the bull rebate program was very successful. "There were twenty-two $100 rebate certificates issued for culled beef bulls prior to the sale and fifteen of these certificates were used towards the purchase of our performance tested bulls. The high level of interest in the NY Bull Test program was shown tonight by an enthusiastic crowd and repeat buyer support. There were 90 registered buyers competing for this outstanding group of bulls."

Empire Livestock provided clerking services for the sale and Ken Hughes was the auctioneer. Jeanne White was sale chairperson.

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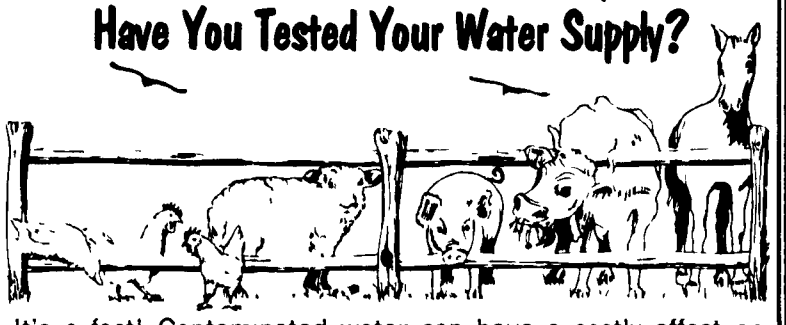

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The inner workings of PACMA is a busy place of phone calls and numbers figuring as shown by, from left front, John Niesley, sectretary-treasurer; Chris Smith, grain merchant trainee; and Dick Cole, vice president. Not seen is Mike Pflieger, vice president.

PACMA warehouse foreman Dale Miller stands on the lower deck while a rail car unloads its contents into storage bins. On the top deck, discussing future business as a trans-loading facility are, from left, Dick Cole, vice president; Ralph Yeagley, millright; Mike Pflieger, vice president; and Michael Orndorff, president.

PACMA Finds Success In First Year On Own

VERNON ACHENBACH JR.
Lancaster Farming Staff

PALMYRA (Lebanon Co.) — Pennsylvania agricultural producers and raw products users now have a marketing exchange more in tune to their needs, according to Michael Orndorff, president of Pennsylvania Agricultural Commodities Marketing Association Inc. (PACMA).

After its first year in business as a solo entity, the president of PACMA reports a strong financial position and a goal of overseeing about $22 million in sales, with low overhead. Orndorff said the company is well on its way to reaching that goal.

Located in a Palmyra feedmill facility, long used for moving grain products via railcar and truck, PACMA originally developed as a subsidary of the Pennsylvania Farmers' Association (PFA) to stimulate local commodity trading.

PACMA formerly was located in western Pennsylvania.

As a small-crew, large-operation business, PACMA is as much Orndorff, as the other way around.

The 36-year-old broker sits, surrounded by computer terminals and paperwork, in a highback swivel chair in a smallish office separated from the main office floor.

Like Captain Kirk of the Starship Enterprise, Orndorff is as much tied to his ship as any helmsman.

Two vice-presidents, and a secretary-treasurer, act as captain's crew in the foreship, along with a secretary and a grain marketing trainee.

Also on staff are a millright (who also serves as maintenance and repairman) and a warehouse foreman; and more analogies to the show Star Trek are easy to make.

To the uninitiated, the drama and activity of PACMA are largely indiscernible.

Outside the white-block PACMA building, located at the end of wide, tree-lined, dead-end street, there is a slow neighborhood calmness.

There are the sounds of birds. Something more reminiscent of a rural farm.

Even the rumble of heavy traffic on Route 422, four blocks away, is not easily detected.

However, the outside solitude belies the constant telephone talk and chattering of brokers on the floor of the Chicago Mercantile Exchange. Orndorff has a direct connection to trading floors and with a phone call can capture the price he wants for his clients.

Computer terminals show trends in buying, current prices, commodities. The air seems hectic. There are orders to fill, things to sell, buy, prices to watch.

It seems far removed from the agricultural-sales practices of a local farm market. But in fact, it is very similar.

Under PFA, PACMA stood for Pennsylvania Agricultural Cooperative Marketing Association. But about a year ago, the marketing business was purchased by one of its main administrators, Orndorff.

Under the management of Orndorff, PACMA has become an autonomous group that, while slowly growing in size, has quickly grown in perview.

Orndorff said that while PACMA and PFA still enjoy a cooperative relationship, the business's priorities and services had to be changed in order to reach a wider spectrum of clients in Pennsylvania.

Most of the business developed by PACMA while under the PFA was centered around barge traffic on the Ohio River drainage. It was somewhat limited in service to the western half of Pennsylvania and was limited in the types of commodities handled.

That has changed.

With the barge traffic, Orndorff said distiller's grain and cotton seed were the primary commodities traded.

"We still broker cotton seed, and we currently broker distiller's grain by use of this rail facility. But our major emphasis has been on the grains.

"We previously were involved in barging feedstuffs up the Ohio to the Allegheny to a barge facility. But in reality, when all was said and done, we were really only effectively able to serve the mid to western portion of Pennsylvania and we never really did become a market force for that apparent within the major agriculture areas.

"That was the biggest change I think we've seen," Orn-

(Turn to Page D25)

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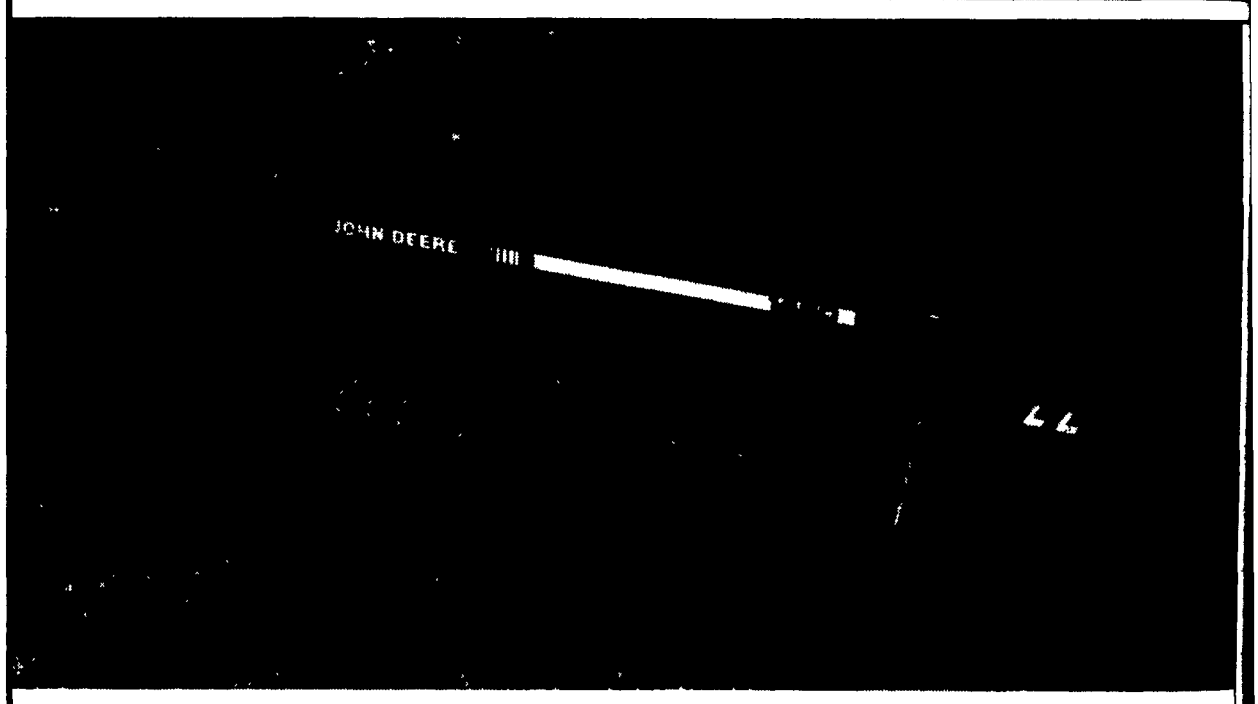

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LEADERSHIP AT WORK

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BY EDWARD J. WOODS
County Agricultural Agent

Winter grains are growing rapidly, and before we know it ryelage harvesting time will be upon us. When that time comes, you want to be ready to roll with the harvester because you have so few days in which to harvest the crop at the precise time for top quality feed.

If you miss these few days because of inclement weather or poor timing, quality declines very rapidly! Line up your harvester now, get the silo ready, and as the harvest date approaches, keep a close watch on the fields and be ready to roll at a moment's notice when the weather breaks.

Use A Starter Solution

Gardening is a way of life for farmers and most suburban people. And if you want to give your garden a real boost this spring, then use a fertilizer starter solution when you set out your plants.

It's easy to make. Just dissolve about 3 tablespoons or so of regular 10-10-10 or similar analysis fertilizer in a gallon of water. As you set out your plants, such as cabbage, tomato or peppers, pour some of the start solution in the hole, stir the soil, put in the plant, cover the roots with soil, and you've got that plant off to the best start ever.

A starter solution makes plant nutrients available to the young roots immediately.

Or even better, you might want to buy a special starter fertilizer. These are specially designed complete fertilizers which are high in available phosphorus. Be sure to follow label directions on the container.

Be Alert For Alfalfa Weevil

Now may be a good time to begin scouting your alfalfa fields for weevils.

I found alfalfa weevils working in the field last week. The past two years, weevils were seen by this time feeding on alfalfa that was less than 4 inches tall.

With the mild winter and the number of fields which were infested last year, alfalfa growers may have a severe problem this year. The weevil has not been a problem for many years after the introduction of a parasite in the early 1960s. After its introduction, the parasite had almost eliminated the weevil.

Unless controlled, the alfalfa weevil will cause severe losses in the weight and quality of the first cutting. Weevils feed within the plant tips and on the upper leaves as they open. Leaves will be skeletonized by the feeding. Damaged leaves dry rapidly and fields take on a grayish to whitish cast under severe feeding.

Control of the alfalfa weevil should be based on the number of larva feeding, the height of the alfalfa, and the cost of the spray. Penn State has developed a system of scouting which will determine the economic threshold based on the three criteria. If you call our extension office, they will send you a copy of "A Pest Management Program for Alfalfa in Pennsylvania."

PACMA Finds Success

(Continued from Page D24)

dorff said.

"Since last June, we're providing a network for grain sales with overpricing and cash sales. A lot of our stuff is done in grain corn merchandising.

"To help that volume is our ability to effectively trade in the rail market, so we've been able to do a lot," he said.

The use of the rail site is still not completely worked out. It is in its infancy.

"But starting right now, we are going to be more aggresive in terms of trans-loading because we see a need here," Orndorff said, "especially for the summertime, for grain. We are in a deficit area," he said.

The changes in Pennsylvania agriculture, resulting from the effects of housing and commercial land development and economic demands, have created a changing need for products by area farmers.

"I think that, over the years, we're going to stay at a more premium basis, more than what people have been accustomed to; simply because we're in the change of market in terms of producing more livestock, and producing effectively enough for minimal land use, confinement feeding . . . but yet growing less feed.

"So the need for (domestic) imported feed and the merchandisers that can make that happen, we feel is a viable economic function," he said.

Other aspects of PACMA's business remain.

Paper trading, futures trading "has become less and less a focus of ours," he said. "And at this point, about less than 10 percent of the total. It certainly is a far less percentage than what we used to rely on with PFA."

Meanwhile, Orndorff said business is good.

"It far exceeds my expectations. This is a business however, that is contigent, to a large degree, on market dynamics and different opportunities. And I can't say that those market opportunities have been with us in a big way most of the year, but certainly recently, they have been in all agricultural commodities," Orndorff said.

According to Orndorff, the opportunities have been extended to "All grains, all oil seeds, all livestock, so there have been wide opportunities, large opportunities, for everyone. And to a large extent, I believe, honestly and seriously, that we have filled a void here in Pennsylvania, and on the East Coast, for agricultural producers."

Among the reasons Orndorff said PACMA should succeed is because it offers to producers and users "A liquid, readily accessible market, which among other things, helps control risk associated with the sale or purchase of their commodities.

"And with the corn market moving as it has been, we have people that locked in for corn some 30- to 40-cents per bushel ago. With the hog futures up in the mid-60s, we have people contracting hogs for a guaranteed price for June or July."

The real benefit Orndorff is attempting to provide is to be a "one-stop shopping" type of outfit.

"Typically, if a farmer wanted to do futures trading, he'd go with one of the large licensed commodities brokers . . . and if they wanted to do cash marketing they'd go to a local mill . . . if they wanted to do foward pricing they'd go to a large commercial (operation) . . . but here we don't segregate all those different sources, we are the source and make the market with them," he said.

"In the grain trade, there's a lot of different sources available to the farmer for a different grain market, but I don't think the scheme, the vastness of the types of risk management products in grain marketing are available to the extreme that they are here.

"In other words, we offer individual futures hedging, basis of contract, foward pricing, minimum-maximum pricing, and of course, cash delivery and cash trade," he said.

"We do business from Indianna to Maine, individual farmers to commercial concerns, primarily Pennsylvania," he said.

By collective effort of crop and livestock production from several producers in Pennsylvania, Orndorff can then deal, on behalf of his clients, in a manner equal to large Mid Western enterprises.

How successful has the business been in its first year on its own?

"Our objective when we started was to keep everything status-quo," Orndorff said, "when trying to make the transistion as smooth as possible. And indeed, to a large extent, that goal had been achieved. But we've also branched out into other areas that we hadn't had the luxury to to before; recognizing different market opportunities," he said.

"One of those things is the use of this facility in trans-loading grain. That's a recent phenomena. The other type of thing is in terms of positioning, getting involved in the government catalog sales and things along those lines.

"But I think we've not only managed to maintain the respect in business of our old clientele, but we've also increased our business by new customers, both commercial and individual producers.

Part of this branching out is still to be realized, according to Orndorff. Currently trans-loading through a renovated millworks, PACMA is supplying distillery grain to brewers.

Down the line, the place could serve as a pickup point for grains for commercial businesses and possibly individual farmers.

"It's just a new thing we're getting into, we're building up to that point. We can talk about that in another year," he said.

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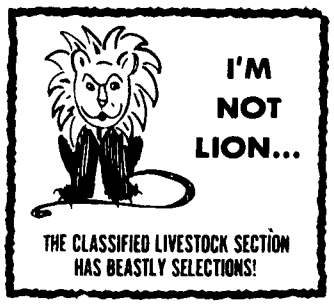

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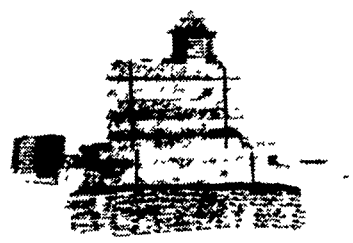

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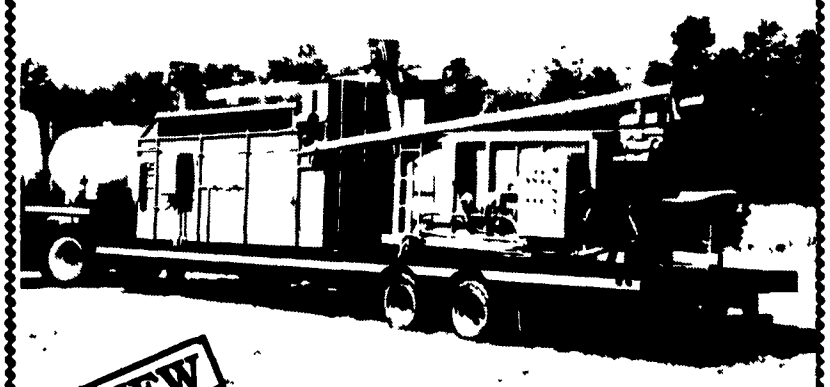

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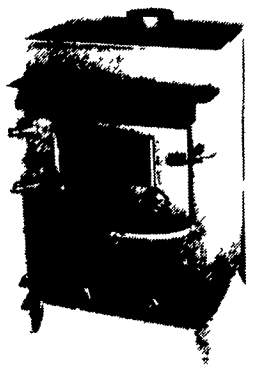

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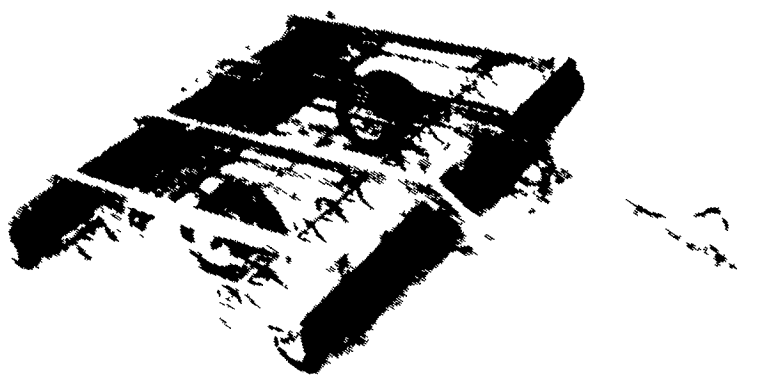

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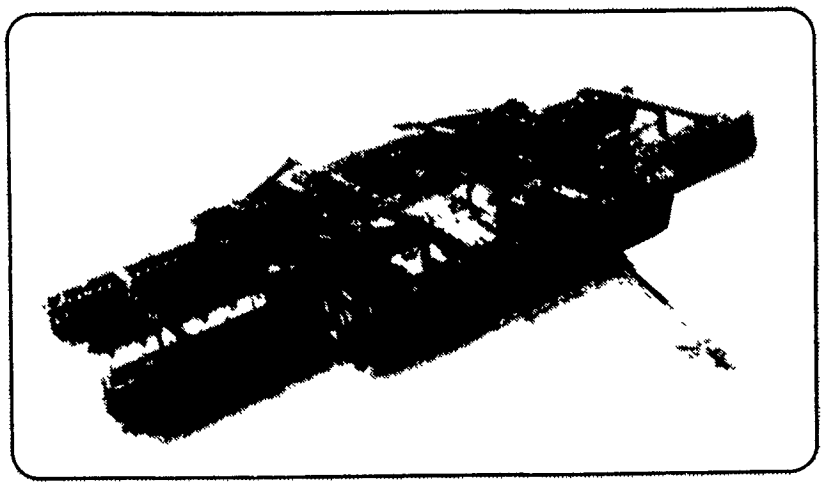

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Bearded silkie, white crested black Polish, mille fleur chicks, guinea keets. Berks Co. 215-582-2587.

1976 Buick Electra, 53,000 mi, clean in & out, trans. needs work, best offer. Must sell. Berks Co. 215-926-3841.

Honda 1986 350-X, 3-wheeler, never raced, good cond., $1195. Chester Co. 215-495-7372.

Working oil furnace steam heat domestic hot water 8 radiators pipes included. Dau Co. 717-362-3561 or 362-8897.

Strawberry renovator tiller, 3PT 7' wide $1500, like new. Howard 60" rotavator, new tines, like new, $2700. 814-443-1931.

Reg. 2 & 3 yr. old Arabian pony hunter prospects, 14.1 H & 14 H. Also reg. Arabian stallion. Dau. Co. 717-533-7328.

JD 430T tractor w/cult. $3500, 450 IH tractor $1900, WC tractor w/ldr. $2000, 801 3PTH $400. Lanc. Co. 717-284-4141.

Tecumseh 3 horse condensing unit 4 yrs. of use. MF #82 4 btm. plow. Snyder Co. 717-374-4224 before 7AM.

4 ewes- 2 w/lambs. Chester Co 215-286-5323 eves.

MF 50 tractor, Ford #101 corn planter 1R; 7' MF sickle bar mower; 85 gal waterers gravity flow. Carroll Co. 301-756-6290.

Snyder 5½ A 2 houses new shop other buildings $32,000 firm. Sam Troyer, RD1 Mt. Pleasant, PA 17853. 2 mi. W of Meiserville

AKC Sheltie pups ready to go now. Jacob K Esh, 5248 Mine Rd, Kinzers, PA 17535.

Australian saddle, 17", in top condition, used very little, $275. S. Lanc Co. 717-284-4551.

Farmall Super H w/ McCormick loader in good cond., exc. tires. Berks Co. 717-933-5232.

NI 600 slef-unloading silage wagon good cond. $1200. Carroll Co. 301-848-5082.

106 acres 5 mi. from Pottstown, Montg. Co. 29.500 per acre. 215-495-7919.

NH 404 crusher, good cond, best offer. Union Co. 717-524-1371.

Reg. black Angus yrlg bulls all AI sired by Prominent Angus bulls. Leb. Co 717-949-3701.

3 MGB convertibles 1970 w/overdrive, 2 1987 all for parts, 1970 can run. Mercer, NJ. 609-466-2959.

Barn cleaner chutes, galvanized 18'x15", w/beam $250. Barrel w/40 gal. green exterior oil paint $75. Can deliver. Wayne Co. 717-253-0296.

Loader for Ford 8N, best offer. Chester Co. 215-399-1846.

18.4x38 M+W duals, cast iron radiators, bray cattle breeding calendar. Chester Co. 215-347-2395.

Yardman gang mower, good cond., $450. D.S. Smucker, R1 Box 425, Lykens, PA 17048.

AC-G tractors with tillers for parts or complete tractors. Orange, N.Y. after 8 p.m. 914-726-4133.

2-14" John Deere plows category 2. 1-8' land roller. 1-16 H.P. Gravely tractor with 4-speed hydrostatic 56" mower & snow blower. Lanc. Co. 717-367-5316.

Two 12v Prestolite H.D. commercial batteries. 18 mos. old. Like new, never on road. $75 OBO. 717-334-8439 Adams Co.

Bandsaw 18 in. Frejoth chisel plow for horsedrawn tobacco lath. Lanco Co. Answering service 717-354-4374. Tobacco lathe.

Puppies, Border Collie/ Australian cattle dog, both parents good cattle dogs. Ready to go May 12. Lancaster County (717) 665-4582.

Pinto 1971. Good engine and drive train. Body poor. Runs great $100 or best offer. (215) 932-5660 Chester County.

1500 Galion vacom slurry buggy, very nice cond. Sold farm- need shed room. $4500 OBO. Cumb. Co. 717-776-3578.

Pheasant chicks. Lancaster County. 215-445-4605.

All kinds of hay & haylage. Also silage, good stuff. Moses F. Huyard, 592 S. Kinzer Ave., New Holland, PA 17557.

Reg. Australian Cattle Dog pups, working & obedience parents. Great working, watch, family dogs. Shots, wormed. Franklin Co. 717-532-9441.

Used mink pens w/water cup & feed hopper, good for rabbit pens, $2 ea. Juniata Co. 717-463-2995.

Steel framed windows (10) 7'x5' $125 all, bar joists (8) 17'5"x18" $600 all. Bucks Co. 215-766-8361 or 215-348-0273.

Grove wagon gear good cond. $150. York Co. 717-235-2032.

Vermeer 605C baler Grimm PTO hay tedder $600. Allegany Co. 301-478-5194.

2 Angus bulls ready for service, rabbit cages, Ontario rubber tired drill wheels. Also drill for parts. Lanc. Co. 717-665-5728.

NH 68 hayliner baler, Kuhn 300 hay rake like new, NH 890E2 corn snapper head w/screens. Fulton Co 717-294-3631.

Troy bilt Tuff-cut high wheel mower 8HP 24" self-prop. like new $595. Cumb. Co. 717-737-6504.

NH hay rake & Deutz-Fahr hay tedder, exc. cond. Perry Co. 717-789-3365.

Peafowl Blue India 1989 hatch $45 ea. Garrett Co., Md. 301-826-8884.

Beefalo breeding stock, choice from herd, $1000 ea. Corlew Beefalo Farm, Coach Rd., Argyle, NY 12809. 518-638-8242.

270 NI cutditioner good shape. Adams Co. 717-334-5773.

70 Cat pull pan $2000; 614 unit shovel, 2-71 $1000; 2010 Int. dump for parts $1500; HD11 for parts. Cecil Co., Md. 301-378-2785.

1970 Chevy 1 ton low boy dump truck, new tires, good cond., $2600. Bucks Co 215-346-8404.

Mail Jeep 1969DJ-5 needs some body work, presently being used on mail route, $950 OBO. Lehigh Co. 215-965-2931.

Blueberry plants container grown 2 & 3 yr. old Northland Bluetta Elliot, others. Carbon Co. 215-377-5327.

Grader blade model 54 for Farmall Cub w/owner manual. Also air lift cyl for Farmall A. 201-475-5901.

6 JD B's 1936-1952 2R JD cult. $150 JD #5 sickle bar mower $100 2R cult. for HG Oliver cletrac $75 Gehl flail chopper $150 AC C for parts. Williamsport, PA. 717-433-4486.

Eski-poo pups for sale. Also a good overhauled meat slicer. Abner S. King, S. Shirk Rd, Gordonville, PA 17529.

6 yr. old blond Belgium gelding- willing worker, works anywhere. Allen Hoover, 1022 Ridge Ave., Ephrata, PA 17522.

Mechanical transplanter hopper style like new $650, Ford 361 truck engine runs strong $700. Northampton Co. 215-588-1350 after 2:30PM.

Int. 425 baler, like new, no thrower, asking $2800. Carroll Co., Md. 301-346-7036.

4R Buffalo ridge till cultivator w/sweeps spring shanks, disc hillers, used 2 seasons, exc. cond. Franklin Co. 717-762-9458.

2 cyl. Wisc. engine good working cond. John Fisher, E. Eby Rd., Bird-in-Hand, PA.

Oliver 5555 combine w/6R corn, 15' grain heads; 1968 Cadillac Cpe. Deville; NI mtd. picker. Rockingham Co., Va. 703-896-5939.

Peacocks, male, 1 yr. old, $40. Adams Co. 717-334-7524.

Singer sewing machine "Touch & Sew." Needs 1 gear. Maple cabinet, button holer attachs., manual. All for $75. York Co. 717-244-9647.

Stock trailer 8' w/enclosed sides & roof, new homemade $700. Cumb. Co 717-243-1281.

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Farmall C new rear tires $1000; McCormick 21A ground driven manure spreader $200. W. Snyder Co. 717-658-3811.

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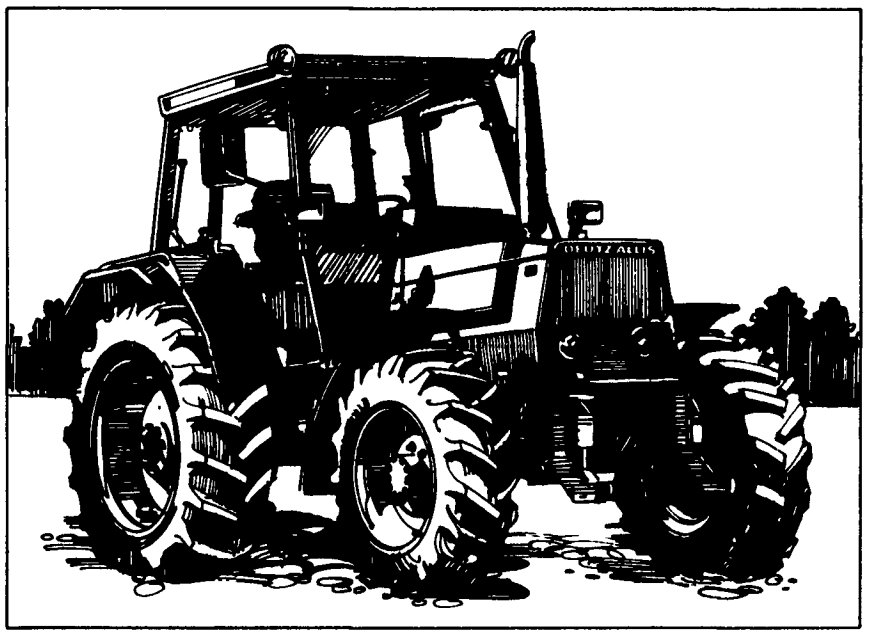

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AKC German shephard pups excel. pups ready to go May 22, choose yours now! Leb. Co 717-865-6053 call anytime

Ariens rear tine r-tiller recently serviced: 3 pt. hitch single btm. 16" plow York Co. 717-246-1473.

JD 730 diesel excel. cond., repainted new batteries tryc, front end., rebuilt, $3500. Leb Co 717-273-9828.

JD 39 sickle bar mower, 3 pth. good cond., $600 offer or trade for JD 110 lawn tractor. York Co 717-993-3775.

Choice Shropshire lambs, good selection, drenched, vaccinated for over-eating, aged ewes, rams. Leb Co 717-949-3653.

8-16 hole Smedley hog feeders, SS btms, top adj, ton cap $400 OBO Dau Co 717-533-7328

1988 Pontiac Lemans PS, PB, air, stereo, delays, 5 spd., 15,000 miles 4,400 will trade Jaquar E type any cond. Dau Co 717-939-0595.

Pony-pretty Arab /Welsh cross 12-13 hands, 5 yrs. old, rides & drives, $400 Lanc Co. 215-286-0398.

Ford 601 $1500, parts Farmall SC, H, 300D., Grove forage wagon. Clinton Co. 717-725-3604.

JD 1500 power-till seeder good cond., $2000 Brad. Co. 717-265-8242 or 717-265-3983.

Int. 45 baler & Case 2 btm 3 pt. hitch trip plow, good working order, make offer Luz. Co. 717-675-5856 after 5 p m.

8x12 roadside stand, red w/ white trim. Clinton Co. 717-726-3745

5 HP garden front rototiller, lawn mower 20" push, incubator, pheasants, golden & brooders elect & kerosene. Dau. Co. 717-469-2136

76 Ply. ¾ ton window van, 318 auto, air, radials, vg cond., $1000, 10' pop-up camper $250 OBO. Northampton Co 215-262-9776

1980 Buick Century PS, PB, auto, air, stereo, loaded, high mileage, but runs good, $950 215-588-0198.

18 4x34 Firestone tire half tread, also tube $75 00, Bucks Co. 215-249-3633

999 JD cornplanter w/fert & insect, att $750 Christ E Riehl, 355 Newport Rd, Leola, Pa 17540 Lanc Co

'78 GMC truck 4x4, needs work, 1240 JD corn planter w/dry fert & insect, attachments. Lanc. Co 717-653-4748.

Farmall Cub w/snow blade, recond., show piece garage kept, $2500. Burl Co. N.J. 609-267-5146.

1 Saanan goat buck 8 wks. old contact Paul Derstler, Lanc Co 717-665-3749 before 1 p m. or at 181 E. Hernley Rd., Manheim, Pa. 17545, Lanc. Co.

Dump body 8x12 w/5' sides & 20 ton hoist, also 1968 F-1000 Ford truck w/16' long body. Tioga Co 717-549-3185.

5 ton orchard timothy horse hay, no rain mold or dust $80 @ ton, Sch Co 717-345-4489.

6 ton bin needs hopper $125 or B.O. 5" auger, $25, 3" auger $50. Lanc. Co 717-442-4276, 8-4 p m.

45 bags of clean wood shavings, new 14' drop leaf extension table maple wood. Lanc. Co. 717-733-8021

MH combine 6' cut w/bin pull type, in barn storage Dau Co 717-566-0731

Kitchen table & 4 chairs, very sturdy all metal, ideal for hunting camp or summer cottage, $25 or make offer 717-776-5279

1974 Ford tractor model 2000, excel cond, Atlantic Co 609-476-2563

Hesston 2000-100 forage harvester w/grass head & 2-row corn head, good cond, also Hesston PT-10 haybine, Garrett Co. Md 301-334-9258.

IH Universal hy-lift 7' sickle bar mower + 5 extra 7' knifes $225 Richland, Pa. Leb. Co. 717-866-7418 or 717-933-8014.

1979 F-150 pickup 65,000 mi insp till Mar. 91, runs great, $2,500. Lanc. Co. 717-626-9287.

Antique 18th century loghouse, 20'x24', 2½ stories, photo's, blueprints, delivery, included in price, reconstruction avail., also random remilled flooring, 215-857-3910.

Wheat straw clean no rain $85 at farm Lanc. Co. 717-626-7453.

1976 Southwind motor home 28' 45,000 miles air new rubber very good cond, stored inside $9000 or best offer 814-274-9388

Reg. Tenn. walking horses weaning 1- 1 yr, 1- 3 yr. old, top quality, asst colors Somerset Co 814-443-4166

Transport auger 21x6 w/3 HP elect. motor, 12' dump rake, extra teeth barn kept Lehigh Co. 215-767-5497 call eves.

2- 20 HP, 1- 5 HP, 1- ½ HP w/reduction gear electric motors. Dan Yoder, R#1, Thompsontown, Pa. 17094.

JD 420 tricycle w/2 row cults., $2600 Berks Co 215-682-9859.

Century dye workers for a field sprayer $200, also 1 HP motor $75, Lanc. Co 717-626-5532

Loveable spring ram lambs twins Suffolk cross, $60 Lititz, Lanc Co 717-626-2919

Grasshopper mower 16 HP, new engine, 46" deck very good cond, used 3 seasons, $2400 Lanc Co 215-445-9117

IH 56 4R corn planter, no fert., Gandy insect boxes very good cond., Lanc Co 717-687-0951

16 complete wisp-away auto., milker take-offs. Snyder Co 717-658-3109.

Haylage in harvestore alf & orchard grass 45% moisture Leb Co 717-867-2110

Double rake hitch, portable loading chute w/rubber tires both in good cond, Lanc Co. 717-367-4970.

Approx 50 locust fence posts, rough cut, make offer. York Co 717-235-2539 after 5.

Right-hand unload forage box w/tandem axle good cond, $700. Lanc Co 717-354-0176.

Int 33 hay cond., Fox 7' flail chopper, AC 4x16 3 pt. plow, AC-CA cult., Ferguson 3 pt. cult., Cat 10 20 8R38 & 16.9x24, wagon chassis, Adams Co. 717-528-4914.

JD spring harrow w/shovels 4 sec., 12' can be made 3 sec. 9' $150 delivery extra excel. cond. York Co. 717-432-8428.

Door & frame- steel 3' wide, steel tool box for small pickup some rust $20. York Co 1-717-993-3350 after 7 p m

Storm front carriage good cond John B Stoltzfus, Windy Top Rd, Christiana, Pa. 17509.

Hand-raised silver fox pups, almost 6 wks. old, very tame, will make excel pets, also beef steers 80¢/lb. foxes, $150 Perry Co 717-589-3941

Win. model 12, 1262 excel shape, ventilated rib, $325 Berks Co. 215-777-1947

68 NH baler, NI mowditioner, NI 4 wheel rake wagon w/dump bed Schuyl Co 717-345-4126

New commercial building w/living quarters on approx. 6 acres, unlimited possibilities, $495,000.00, Southern Sch. Co. Currently food business. 717-754-7464.

270 br ft. of cherry lumber green $225, 65 3"x5"x8" sawed locust post $325, delivered- 100 mi or so 1978 Honda CX500 motorcycle 16,500 mi good shape 717-532-6619

Int 4424 w/2050 loader tires 90% excellent cond, Ford tractor 4000 tires 90% excellent cond Snyder Co 717-837-3745

83 Ford XL 4x4 extended cab, PS, PB, dual tanks towing package. 5 farrowing crates, 2 heated hog waterers, 24" circulating fan w/tubing. Snyder Co. 717-539-2558.

Cut & split firewood $75/cord- 3 or more cords Franklin Co. 717-532-5331

1979 Volare 4-dr V8 w/air new inspection good overall cond. recent engine work $800 Montg Co 215-584-9022 eves

2- 11 2-36 rear tractor tires about ½ tread. Adams Co. No Sunday calls- 717-528-4595.

1979 black LTD station wagon, AC, good cond., runs well, $1750. Box 292, Rt. 1, Bernville, PA 19506. 215-488-1926.

Int. 1466 dsl. TA 2500 hrs. no cab exc. cond. $9000, 1st cutting clover, alfalfa, timothy nice color $75-$110. Delivery avail. Sch. Co. 717-345-4109.

¾ Dorset ¼ Finn ram lamb, born Dec 1989, very nice, $100. Talbot Co., Md 301-822-1057 after 8PM.

7300 White dsl. combine, 12' IH drag harrow, HD 5 crawler loader York Co 717-244-6678.

1980 Dodge pickup 6 cyl auto good cond., asking $1000. Col. Co 717-437-3812.

Small reel irrigation system homemade w/5HP Honda pump works good $1500; ⅝ wood bottom baskets 75¢. Lanc. Co. 717-354-8606.

2 Angus bulls 500 lb $500 ea.; 71 Nova $600 2-dr.; child's 3 drawer 2-dr. wardrobe. Berks Co. 215-286-5422.

JD 25 combine pull type grain bin 4 cyl. Cont. engine $200. York Co. 717-637-7455.

Emglo port. air twin tanks w/8H Honda only used 15 hrs. 25% off. Also air skill saw. Israel Stoltzfus, Kirkwood, PA - eves or Sat.

5 deck elec chick brooder $175, hand crank corn sheller good cond. $100, old hardware reasonable. Steuben Co. 607-962-1403.

Pomeranian pups. C. S. Kauffman, Box 11 RD 2, Honey Brook, PA 19344.

4 cyl. VF4 Wisc. engine w/4-1 reduction clutch good working cond. $550. S. K. Esh, 62091 Street Rd., Kirkwood, PA 17536.

1978 Mack, cab over, PS, tandem, 290 Cummins, 10 spd RR, 11R-24.5 tires, Budd wheels, 48,000 GVW, 28' bed frame. 717-687-0887.

7 Goslings $4 each Union Co. 717-966-2391.

Pair of matched, half-sister, bay Arabian fillies. 1 is a 2 yr. old, 1 is a 3 yr. old Chester Co 215-869-9878, 869-3039.

Gorgeous stone country farm house on 4.1 acres, wooded, 3500 sq. ft. Red barn, private, office, out building. $335,000. Leb. Co. 717-949-6890.

Black riding mule 7 yrs. 55" coon hunts neck rein well broke $550. Lanc. Co 215-445-4425.

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Quality border leicester sheep fleeces, black and white, very clean. 717-362-4315 or 717-653-4064.

Elec. motor 7½ HP 230V single phase Baldor ind. motor $100. 301-343-0289 Md.

86 Ford HD F250 2x4 351 XL air cruise, auto, toolbox, running boards, hand rails, AM/FM $5500. Cecil Co. 301-658-3564.

660 Case combine 10 ft. cut, grain and corn head, Gehl flail chopper 7200 6 ft. Mifflin Co. 717-899-7466.

4 year old saddle bred driving horse $500. Good driver. Menno Stoltzfus, RD 1 Box 373, Loganton, Pa. 17747. Clinton Co.

1985 Plymouth Gran Fury, 4 door, AT, 57,000 miles, vinyl top A/C, PB, PS, New insp., VG cond. $3,475. Lehigh Co. 215-866-2325.

450 JD crawler manual blade-in working cond. Call after 6:00 p.m. 215-445-9772.

1976 Chevy ¾ ton truck motor good, needs clutch York Co. 717-246-1390.

MAILBOX MARKET WANTED

Hot water front for Columbian 21A coal cook stove. P# 814-672-3170.

Good industrial table saw, pallet jack, old used water tank for wood shavings. Lanc Co (717) 656-8358

30+ wooded acres with trout stream in Perry, Northumberland, Juniata, Schuylkill County. 717-367-5822 eves., Lanc.

Wanted front end loader for J.D. 1010 wide front end, Dauphin Co. (7170 367-2071.

Barbados sheep, Emu, Rhea, Buffalo, Peafowl, Ect. (717) 543-5231 Mifflin County.

Heifers to board. Facilities overcrowded? Let me care for heifers, $1.00 per day. Jeff Zechman, Leb. Co. (717) 964-3742.

1-H manure loader to fit H-M 1-H tractor.

Looking for cows to rent in my tiestall barn. Good feed and care. Lanc. Co. Phone 717-786-5333.

Parts, or parts machine for Oliver HG and Oliver OC3. Also need shop manuals. York County 717-456-7397.

Floor joist to span app. 19' wood or metal. I-beam 16" app. 34' long. 717-927 York Co.

Radiator for CA Allis-Chalmers. Right angle head for Bridgepory Mill, power feed unit & owners manual for mill-rite. 301-398-7680.

Snow plow or blower for Wheel Horse lawn Ranger tractor. Also old (60's) Wheel Horse tractors Bucks County 215-493-0169.

Front mounted 4-row cultivator for A.C. D17 Also 3-point roto hoe 2 or 4 row. In good shape & price reasonable. Phone 717-365-3343 Dauphin Co.

Pony - inexpensive, child-safe, about 12 hands. Will provide loving home on 40 acres. Balto County (301) 592-5564.

540 P.T.O. Pump for I.H. 800 corn planter; will trade 1,000 P.P.M. if so desired. 717-776-6833 Cumb. Co.

MF 65 tractor, low profile, prefer diesel. Utility trailer, prefer 6'x10'. Hydraulic loader & hay. Phone 717-872-5712 Lancaster County.

Good David Bradley garden tractor with all attachments. Lancaster County (717) 684-2395 after 8 p.m.

Hood, radiator, fenders, anyparts for 1937-46 autocar truck. Jerry Stark, 21 Rothermich Road, Ithaca, NY 14850. Tompkins Co. 607-273-8864.

TD-6 crawler for parts 62 series prefered, others considered. Berks Co. 215-683-6321.

Job on farm in Pa. with future (desire to keep livestock) 35 with large family lifetime exp. 914-254-5037.

To buy one stone farm house in Lebanon Co. Tel. 717-272-2533 Leb. Co.

Wanted in NE Penn. Farm with 60± acres house, barn around $55,000 owner financing preferred. SE Mass 508-636-8529.

Wagner or Farmall loader for Farmall Super C tractor. Mercedes 600 limousine, dead or alive. Sussex Co. 201-948-4565.

Two row side dressing unit to fit CA, Allis Chalmers 412-349-2541.

Jeep farm equipment. Lehigh Co. 215-395-3562.

JD 7000 4 row corn planter, 3 or 4 bottom semi-mounted plow, auto reset 12' transport disk. Lanc. Co. 717-738-3104.

Used hitch wagon or underframe for 1000-1200 horses, radiator for Farmall 450D. Col. Co. 717-683-5155.

JD 485 mower conditioner for parts or whole. Sch. Co. 717-345-4664.

Three point hitch tractor mower sickel bar in working condition also three point tool bar. Berks Co. 215-562-7394. Hamburg.

Hired man 14 yrs. or older full time preferred for 1991. Henry Ebersole, 1226-A Goshen Mill Rd. Peach Bottom, PA 17563.

Hay to make in Mill Hall area, Clinton Co. 717-726-3398.

Up to 600 used plastic plant pots, 1 to 1½ gallon size. Lanc. Co. 717-626-8912.

Motor mount to mount engine on New Holland 68 baler, also need belts. Lanc. Co. Call before 8 AM 717-548-2006.

Set of draft horse shoeing stocks. New or used in top condition. Delivered to my barn in Cape May, NJ 609-884-4466.

5 speed overdrive transmission to fit Ford 292- V8 truck engine, call evenings Lanc. Co. 717-653-5966.

AC D 19 AC corn planter parts for sale 301-845-2724 after 7 p.m.

Calf hutch, light weight, made of plastic or fiberglass approx. 5'x7'. White Hall, Md. 301-343-0026.

MAILBOX MARKET NOTICE

Five acres of pasture with good grass, two streams to board ten to fifteen small heifers. Lanc. Co. 717-367-6894.

Sweet potato plants, Aaron E. Glick Jr. Monterey Rd. Bird-in-Hand, PA at Stumptown crossroad, where used furniture store is.

For rent Pasture for Heifers. Samuel Stoltzfus, Pequea Valley Rd., Kinzers, Pa. 17535.

Grapes for winemakers and grape lovers. Write for list. Zion Vineyard, Zion, Maryland 21901.

Water Ram information booklets send $10. G. Kotula, Merritt-Parkway, Reading, PA 19608-1013. Falling water pushes water uphill.

Sale Reports

BOWERSOX SALE

A Public Auction of antiques and collectibles was held May 12 by Shirley Bowersox, between Middleburg and Penns Creek along Route 104.

Some prices included: Griswold frying pan $125, 1 horse buggy $450, sleigh $415, bob sled $50, portable welder $1550, anvil $225 and Remington 30-06 Model 760 rifle $375.

Ken Smith was the auctioneer and Bill Fisher, Auct.

GEIB ESTATE SALE

A Public Auction of garden equipment and tools was held May 12 for the estate of Paul W. Geib, Route 3, Palmyra, S. Londenderry Twp. Lebanon Co., Pa.

Some prices received were: 1986 Oldsmobile Cutlass Supreme $7700, Troybilt 8 h.p. rototiller $870, Grasshopper model 1622 w/ catcher $3900, M.M. tractor with loader $1450, Craftsman 12" table saw $300, Sears 6" jointer $280 and radial arm saw $110.

Harry H. Bachman was the auctioneer.

McGURK SALE

A Public Sale of antiques and household goods was held May 10 at 11 Winterstown Rd., Red Lion, Pa.

Some prices included: brass bed $180, dry sink w/eagle backsplash $175, Planters plastic peanut car $100, 18 inch tall cut glass basket $235, doll's brass bed $70, Granger's picnic souvenir piece $50, 1950 battery operated Cadillac car in original box $37.50, pine blanket chest $190, oak cyclinder roll top desk $425 and wooden radio record player $16.

The auctioneer was Gary Gladfelter.

WHITESIDE SALE

A Public Sale of cherry home furnishings and household goods was held May 12 on Route 472 at Oxford, Pa. There were 156 registered bidders at the sale.

Some prices included: Kling cherry dining room table & 6 chairs $1550, white mahogany 9 pc. bedroom suite $950, Pa. House 4 pc. cherry bedroom suite $775, Kline 4-drawer chest $650, 2 Ethan Allan Queen Anne wing chairs $325 ea., 2 Ethan Allan sofas $400 & $380, 2 brass Rayo lamps $100 each, Electrolux sweeper $110 and green hen-on-nest $21.

Whiteside Auction Service conducted the sale.

MAST SALE

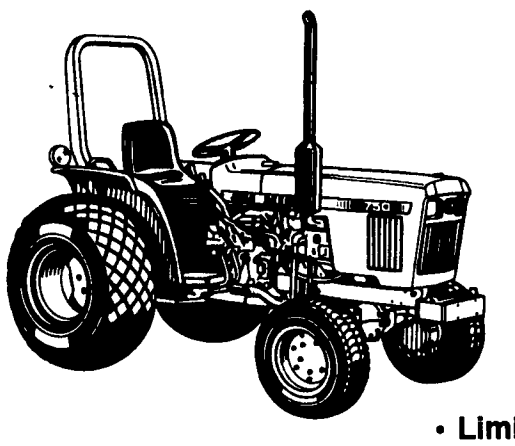
A Public Sale of real estate was held May 10 by Oliver and Betty Mast, Rt. 82S of Elverson to Chestnut Tree Rd., onto Isabella, W. Nantmeal Twp., Chester County, Pa.

The 3 acre building lot has been perked for inground system and was sold for $53,500.

Horning Farm Agency, Aucts. conducted the sale.

Spring Clearance

John Deere Diesel Headquarters



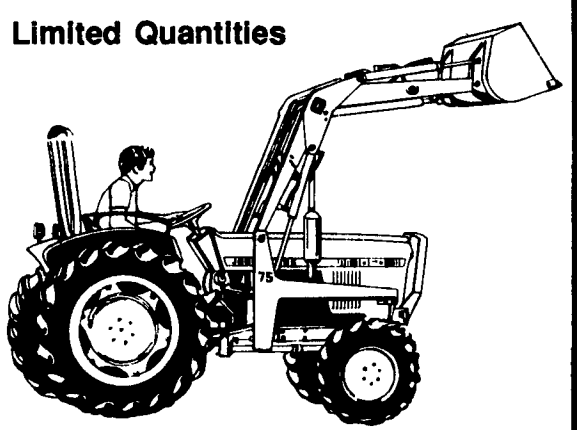
JD 750, 4WD
Ag Tires, 20 HP

$6,950.00

(Cash Price Only)

• Limited Quantities

JD 1050, 4WD
Turf Tires, 37 HP
With
#80 LOADER
And
POWER STEERING



$13,999.95

(Cash Price Only)

Nothing Runs Like a Deere®

JOHN DEERE

Bomberger's Lawn & Garden

665 W. Newport Rd.
Elm, Pa. 17521
717-664-4663

981 Mount Zion Road
Lebanon, Pa. 17042
717-272-4155

(Specials Good At Both Locations)

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STREET ADDRESS_____

RD#_____ BOX_____

CITY_____ STATE_____

ZIP + 4_____ COUNTY_____

NON-REFUNDABLE

Sale Reports

MARTIN SALE

A Public Auction of real estate was held May 8 by Harold F. and Etta H. Martin, west of Churchtown along Route 23, Caernarvon Twp., Lanc. Co., Pa.

The 2.83 acre farmette was sold for $159,000 and included a large 2½ story frame and brick farmhouse, block & frame barn with 2 drive-in bays, and addition for sheep. Also a frame insulated shop and a shed for chickens.

Horning Farm Agency, Inc. managed the sale.

GRAYBILL SALE

A Public Sale of collectibles and antiques was held May 12 by Nora E. Graybill, in the village of Richfield, Juniata Co., Pa. on Market Street.

Some prices included: oak bookcase $1000, dining room suite $700, dovetailed blanket chest $700, old fashioned living room suite $240, pressed-back cane bottom rocker $305, Windsor desk & chair $800, ice box $380, flour chest $550, 6 sided parlor table $160, set of Noritake china $190, yarn winder $90, old wooden letter holder $100, spongeware bowl $220, Atlas kettle stove $70 and clipper straw cutter $55.

Robert L. Leitzel and Tim L. Kline were the auctioneers.

KEENER SALE

A Public Sale of real estate and antiques, china and glassware was held May 12 by Vera K. Keener, 331 North Broad St., Lititz, Lanc. Co., Pa. There were 280 registered bidders at the sale.

The real estate consisted of a 1½ story aluminum siding-covered house with an attached one-car garage which was sold for $74,000 to Timothy Diem of Lititz.

Other prices were: 2 oak bowed china closets $500 & $600, Tiffany-type table lamp $220, decorated highchair $180, Lititz Moravian bell $460, 2 Lititz Moravian pocket knives $52.50 each, Browning 16 gauge shotgun $300, Carnival Glass "Grape" water pitcher $130, Carnival Glass "Grape & Peacock" bowl $72.50, Carnival Glass rose bowl $80, set of 6 Carnival Glass "Maple Leaf" tumblers $135, Royal Bareuth creamer $92.50, pottery pitcher $230 and M.B. Hacker 1908 calendar plate $75.

T. Glenn, Timothy G. and Thomas A. Horst were the auctioneers.

KRAYBILL MENNONITE SCHOOL SALE

The Kraybill Mennonite School Annual Benefit Auction was held May 11, 2½ miles southwest of Mount Joy, Lanc. Co., Pa. along Kraybill's Church Road.

The approximate net proceeds from the auction were $55,000 received from the sale of quilts, Winross trucks, plants and collectibles.

The prices for Winross trucks were: Florin Feeds $885 & $800, Wenger Feed $775, Myers Metered Gas $575 and a cast iron tractor & thresher $825.

The quilts sold as follows: Mariner's Compass $1000, Trip Around the World $1300, Broken Star $1125 and Sample $1350.

Raymond Miller was the auctioneer.

MULL SALE

A Public Auction of real estate was held May 12 by Mary Ann, Kenneth A., and Edna M. Mull, 3 miles south of New Holland on Peters Road, Leacock Twp., Lancaster County, Pa.

The 2½ story permastone-covered house with a one-car garage on one acre was sold for $155,000.

Robert E. and Jeffrey R. Martin were the auctioneers.

PUBLIC SALE

Private Woodworking Shop

Saturday, May 26, 1990
10:30 A.M.

Sale to be held on the premises at 119 Valley Green Drive, Village Green Farms, Village Green, Delaware Co., PA. From Fivepoints Village Green take Knowlton Road to 2nd Right, Archer Lane, then right on Valley Green Drive.

Selling

Rockwell Delta heavy duty drill press with variable speeds; Duo-Fast pneumatic nailer; bar clamps; ¾ hp Craftsman bench grinder; aluminum refrigerator dolly; many hand & power tools such as routers, drills, skill saw, sawzall, 60 lb. BXD demo hammer; 2 Craftsman sanders, etc.; transit with tripod; extension ladder; miscellaneous fasteners; upright freezer; saw blades; quantity of nuts, bolts & washers; 100 lb. floor roller; mitre box; wheelbarrow; spreader; bits and drills; 3 sets aluminum folding steps; 4 wood bifolding doors; sleeping bag & folding cots; lawn furniture; household items; old wash ringers; 2 old brass railroad lamps; 1000 lb. nails; quantity of brass hardware, bolts, nuts, screws; oak paneling and lumber; hand tools, rake, 2 shovels, pick, etc.; antique sink & hardware, too much more to mention.

Auctioneer:
George H. Wilson
Box 99 - King Road - Cochranville, PA 19330
215-593-7290
Lic. #AU-001349-L

TERMS - Cash or Certified Funds, Personal Checks only accepted with a bank letter of credit.

Hanes

NEW HOLLAND SALES STABLES, INC.

THANK YOU TO CONSIGNORS AND BUYERS
FOR A VERY SUCCESSFUL SPECIAL HEIFER SALE
SATURDAY, MAY 5th
OVER 600 HEIFERS WERE SOLD TO BUYERS
FROM 13 DIFFERENT STATES
PRICES WERE VERY GOOD ON ALL AGE HEIFERS
THANK YOU AGAIN FOR YOUR PATRONAGE

NEXT HEIFER SALE IS FOR REGISTERED HEIFERS

SATURDAY, JUNE 9, 1990

We Expect
300 Head.

Please Have Your
Heifers Tested For
Interstate Shipment.

To Catalogue Animals And Get Sale Numbers,
Call Sale Barn Office Or Lois Kolb.
Any Grade Heifers Will Be Sold Last.

Watch future issues for more details.

MANAGERS

Sale Barn	NORMAN & DAVID KOLB	Lois Kolb
717-354-4341	Home 717-397-5538	717-397-5538

PUBLIC AUCTION

MEMORIAL DAY
MONDAY,
MAY 28, 1990
8:30 A.M.

Location: 224 Spruce St., Sunbury, PA, Northumberland Co.

ANTIQUES - COLLECTIBLES

Victorian Walnut White Marble Top 3 pc. Bedrm. Suite, Carved Drawer Pulls, Applied Carvings, Headboard 7'7" h. (Small pc. Veneer Missing on Drawer Front); Walnut Double Bed; ¾ Rope Bed; Jelly Cupboard; Oak 46 Drawer Hardware Cabinet; Mah. Tilt Top Table 34"x47"; 8 pc. Mah. D.R. Suite; Oak Dresser & Washstand; Empire Chest of Drawers; Nursing Rocker; Columbia Graphophone w/Records; Flat & Camel Back Trunks; Black Trunk from 1920's or 30's Car 21"hx42"l; Picture Frames; (3) Prints Signed Will Grefe Dated 1908; Tintypes (2) w/Civil War Soldiers; Daguerreotype Cases; Photo Albums; Rye Bucket; Wooden Heinz Pickle Bucket; Cuckoo Clocks; Miners Light; Bee Hive Sting Holder; Bayonets; Swords; Chatillion Balance Scale; **Large Variety of Small Tin & Cast Iron Toys;** Marx Cloverdale Farms Milk Truck; Ice Truck; Army Vehicles; Buck Roger Toys; 4" C.I. Luck Boy Airplane; C.I. Cannon; C.I. Still Banks; Reproduction Mechanical Banks; Schoenhuts Submarine Naval War Toy in Box Dated 1915; **Glass & China;** Pressed Glass; Carnival Glass; Basket (Northwood) plus Small Bowls; Berry Sets; Salt Dips; China Marked Bavaria - Germany - England; Moose Head Pitcher; Egg Cups; Pottery Lady's Spittoon; **Local Adv. Etc.:** Sunbury Adv. Tins; ABC Books, J.W. Deckard, M.D., Druggist, Richfield 1911; 1920 Calendar Plate Selinsgrove Dept. Store; 1918 Public Sale Bill of Middleburg; Early 1900 Sunbury & Selinsgrove Elec. St. R.R. Co. Construction Contracts, Documents, Etc.; P.R.R. Book of Rules - Test Signals; Lot of Paper Material Pertaining to Railroad in Sunbury Area; Lights from Rialto Theatre; Covered Bridge R.R. Picture; Etc.

BOOKS: The R.R. Trainman Dated 1914; (10) Volume The Horse Review 1912-1917; Plus Many Boxes of Books.

TOOLS - ETC.

Delta 4" Jointer; Powercraft Welder; Small Table Top Hand Operated Lathe; Lots of Welding Rods-Helmets - Tips - Leather Capes Etc.; Cutting Torch - Hose - Gauges; L.S. Starrett Tools - Calipers; Carpenter Tools; Wooden Level w/Brass; Stanley #62 Folding Rule; Wooden Planes; Etc.

Lunch

TERMS: Cash or PA check.

Owner

HELEN J. HUMMEL

Mark J. Jones Auctioneering Service
Ph. (717) 286-0052 -
License #AU1595-L

Auct. Note: This is only a partial listing of the 50 yr. accumulation of the late Charles (Schmuck) Hummel.

Auction will start w/Tools. Furniture sells at 12 Noon.

PUBLIC AUCTION

Val. Real Estate, Antiques, Collectors Items, Baseball Cards, 50 Woody Car, Etc.

At the former Ditty's Guns & Antiques warehouse. 2 miles N of Northumberland, Pa. along Rt. 147.

SAT., MAY 26
Starting 10 AM

brief listing follows: 2 pc. cherry corner cupboard; 2 oak S roll top desks; childs oak roll top desk; oak showcase; oak buffet; walnut store type open top showcase-3 pc.; 2 oak round pedestal tables, 2 w/claw feet; oak 5 leg table w/10 boards; oak side by side; oak sectional bookcase; **unusual oak 3 drawer silverware stand;** 11 pc. cottage bedroom suite; oak beds; childs rabbit ear rocker; other chairs; matching pair tiffany table lamps; wicker chair; oak gun cabinet; set of fiestaware; several Hummels plates; small drysink; glass churn; tea kettle; alphabet stamp set; tin cigarette cases; 7 pc. pitcher & washbowl set; cigar mold; JD CI toy tractor; flax comb; 2 cranberry red vases w/white trim; red flyer wagon; oak egg basket; picture frames; 12 coin-op pinball machines; oak built in wall cabinet; several old bikes; cabbage patch dolls; etc. etc. **CAR: 1950 Ford "Woody" station wagon-runs good; BASEBALL CARDS:** quantity of baseball cards including Bowman, Topps, Bazooka, etc. Highlights inc. Mantle rookie, Yogi Berra, Duke Snider, Johnny Mize, Warren Spahn; Hank Buarer; Brooks Robinson-rookie; Roger Maris; Hank Aaron; Dale Murphy; Reggie Jackson-rookie; lots more. For list on cards call Auct. Co.

REAL ESTATE offered 1 PM

Consists of commercial lot w/120' road frontage along Rt. 147 w/a 30x50 showroom w/overhead living quarters, recently remodeled, attached car garage. Also 40x100' pole building w/concrete floors, nice setting along heavily traveled Rt. 147. To view call 473-8682 RE TERMS: $10,000 down when declared sold, bal. in 60 days. other terms later.

Seller,

KENNETH REYNOLDS

Conducted by Fraley Auction Co.
(717) 546-6907 RY71L

Lunch, Sale Inside

PUBLIC SALE

For convenience of sale the following will be moved to the Downsville Ruritan grounds. From Interstate 81, take exit 1, go east on Rt. #68 2½ mi. to rt. #632, turn right at blinker light, 3 mi. to sale on left.

Selling for *Keaton-Fox* and others

SAT., MAY 26, 1990
10:00 A.M.

TRUCKS, FARM EQUIPMENT, CONTRACTORS EQUIPMENT, LIVESTOCK TRAILER & ANTIQUES

FARM EQUIPMENT

John Deere 3010 gas tractor with #46 loader (low hours); 16' wood side bale wagon; 26' Smoker elevator; 16' flat bed wagon; John Deere 14-T baler; New Holland baler; Case 555 haybine; David Bradley side delivery hay rake; Case 7' sickle bar mower; small boat trailer; 8' insert cattle racks; 8 h.p. Wheel Horse mower with snow blower; 36" lawn spreader; and others.

TRUCKS & TRAILER

1968 1600 Load Star 16' stock racks; 1974 ¾ ton Chev. pick-up; 1978 1 ton GMC truck; refrigeration body fits 1 ton truck with new compressor; 1980 16' gooseneck livestock trailer.

CONTRACTORS EQUIPMENT

Gasoline finishing trowell; 4 pump jacks; 4 ladder jacks; 30' Alum. ladder; 24' Alum. ladder; 7¼ ' Skil saw; Stanley router; 36" magnesium float; Rockwell miter box; construction wagon on rubber; pipe threaders; pipe wrenches; 8-4' scaffold bucks; construction heater; hammer drill; hand saws; toolbox insert for pickup truck; many other related items.

ANTIQUES

Cast iron stove; wooden wheel double shovel plow; wooden wheel - wheelbarrow, excellent cond.; wooden lard press; single & double trees; leather horse; fence stretchers; grain cradle; wooden bag wagon; hames with knobs; platform scales; old drill press; and other items.

TERMS: Cash or approved check. Number system. I.D. required. Not responsible for accidents. Nothing removed until settled for.

Auctioneer: C. Floyd Davis
PH. 301-223-9761
Clerks; Drury & Smith

Lunch Rights Reserved
Clip This Ad-Will Appear Only Once

PUBLIC AUCTION

OF

FARM MACHINERY—ANTIQUE VEHICLES
COMPLETE IRRIGATION SYSTEMS

The undersigned will sell on the farm at 10907 Annapolis Rd. (Rt. 450) Mitchellville, Md.- Directions: Washington Beltway (Rt. 95) Exit 20A, Rt. 450 E., 3 miles or Rt. 3 to Rt. 450 W, 7 miles. (Between Washington Beltway and Rt. 3)

SATURDAY, JUNE 2, 1990
BEGINNING AT 9:30 A.M.

Farm Machinery: Super M tractor (3 pt hitch), 2 bottom 3 pt plow, 10 ft. transport disc, Super A tractor, cultivators, plow & side dresser, Int. Cub with cultivators, JD 30 combine, Int. Baler 55T, NH lime spreaders, seed cleaner, 2 tobacco planters, drill, JD hay rake, JD drag harrow, gravity wagon, 2 flat wagons, 2 - 2-wheel carts, Int. sickle bar mower, 3 pt. scoop, JD 2 bottom 3 pt. plow, subsoiler, PTO power generator, rotary mower, JD Flail chopper, cultipacker, potato plow, produce scales, golf cart.

Vehicles: 1960 Pontiac (with title), 3 Pontiac's 1940's (no titles), 3 old Pontiac motors, 1956 Ford 1-ton truck (runs, title), and many Pontiac parts. Tags from 1924 up.

Irrigation Equipment: 3 pumps - 1 Hale, 1 Rainmaster, 1 Rainmaster PTO, 5700' aluminum pipe, 4", 5", 6" 20 ft lengths. Couplings, 82 sprinklers, 10 Skinner gun type sprinklers.

Shop Equipment: Tire changer, new air compressor, chain saw, drill press, Hi-speed shop press, tools, chains, motor lift, lumber and tin and many small items too numerous to list. Toro 1132 lawn mower - some household items.

Terms: Cash or approved check - positive identification required for registration. Not responsible for accidents.

OWNER:
CATHERINE SIMPSON

AUCTIONEER:
RIDGELY'S AUCTION SERVICE
BRICE RIDGELY
MT. AIRY, MD.
301-549-2488

AUCTION

SATURDAY, MAY 26th, 1990
- 9:30 A.M.
ANTIQUES

Complete Household & Personal Property of Emma Porter will be sold. Sale located in Hublersburg, Pa. - off Rt. 64. Approx. 8 Miles North of Bellefonte, Pa. Watch for AUCTION SIGN on Rt. 64. Sale consisting of: MANY ANTIQUES & COLLECTABLES, HOUSEHOLD, & Dishes.

Marble Top Stand, Fancy Oak Rocker, Other Good Old Rockers, chest of drs., oak blanket chest, lrg. old blanket chest, old schoolmaster's desk, high back oak bed, reed rocking chair, nice old wicker cradle, old wicker stand, sm. old Wooden Chest, old cupboard, captain's chair, 3 plank bottom chairs, other nice chairs, desk & chair, 9 pc. dining room suite, 5 pc. blonde bedroom suite, old benches & stools, 2 nice old wooden high chairs, feed bin, 4 dr. metal filing cabinet, dinette set, wooden wardrobe, Plus Misc. old sled.

Nice Old Baskets, crocks, old mixing bowls, Yearick Milk Bottle - Mill Hall w/Minnie Mouse on Back, Other old bottles, Coca-Cola Jug, Old coffee grinder, sm. ice cream freezer, old ice cream scoops, old doll cradle, 3 peanut jars, iron kettle, lrg. brass bucket w/trivet, old cooking utensils, sewing chicken, Miniature children's cooking set - many pcs., sets of miniature dishes & punch bowl, sm. dresser, sm. sad iron, old Ken & Barbie Dolls, metal fire truck & 2 cars, old games, many other items too numerous to mention.

MANY - MANY SALT & PEPPER'S - Very Good, some occupied Japan, some Black- Aunt Jemima's, sterling top ones & etc. Collection of Stamps 1883-1970 (not complete), BEADED PURSES, 1904 World's Fair leather purse, old clothes, & shawls, Costume Jewelry - Gold Jewelry - 10 K Rings - black onyx, Sterling ring w/blue stone.

TERMS: CASH OR CHECK - Day of Sale
AUCTIONEER: RONALD J. GILLIGAN, PA. LICENSED & BONDED #AU-339-L
Clerks: Harpster & Knepp
Owner or Auctioneer not responsible in case of accident.
FOOD AVAILABLE BY CHURCH

DIFFENBACH'S NEW HOLLAND AUCTION CENTER

100 W. Jackson St., New Holland, Pa.
717-355-7253

CONSIGNMENT AUCTION-
ANTIQUE FURNITURE
SATURDAY
JUNE 2, 1990
9:00 A.M.

You may sell one piece or complete collection. Buyers are demanding a good selection. Call or send listing of items NOW!!
You Can Buy!! You May Sell!!
Diffenbach Auct. 225-L

ANNUAL DAIRY REPLACEMENT AUCTION

TUESDAY, MAY 22, 1990
AT 11:00 A.M. SHARP

Located in Ulysses Boro, Potter County, PA

(Follow arrows from Main St., Ulysses on PA RT 49; or from U.S. RT 6 follow "Ulysses-Loucks Mills" sign on RT 6, 5 miles west of Galeton, PA.)

Selling our usual run of 70 registered and grade Holstein heifers (1 reg. Jersey heifer, (2) 18 mo. registered stock bulls). About ¾ are calfhood vaccinated. Cattle have had all health shots and will have interstate charts.

Remember this is a day sale!

Owned by Bailey View Holsteins;
Jerry, Jeff and Dave Pirrung

Sale conducted by:
JERRY PIRRUNG SALES
Ulysses, PA 16948
814-848-7401
PIRRUNG AUCTIONEERS, INC.
Wayland, NY
716-728-2520
Lic. #1642 and 1646

Sale Reports

EVENING DAIRY SALE

Thursday Evening, May 31, 1990—7:30 P.M.

Selling at Kling's Sale Barn, located 15 miles north of Carlisle, Pa. on Rt. 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.

Selling... A Complete Dairy Herd from McKean Co., Pa. Consisting of Approx. 65 Milking & Dry Holsteins

20 Recently Fresh, 15 Springing Cows & 1st-Calf Heifers - 20 Bred for Fall Freshening.

"These are Tie-Stall Cows - Never on Test - No Silage - Never Pushed Hard - Good Udders!

Milking Over 50 Lbs/Cow in the Tank! Mostly Young Cattle - They Are The Right Kind!

Pregnancy Checked - 30 Day Test
Catalogs Day of Sale.

Plus at the Same Time - Selling for Art Kling...

"A Load of GOOD Canadian Cows & 1st-Calf Heifers- Registered & Grade"
Some with Records -
Close Springers & Fresh Cows -
Some Milking Over 90 Lbs/Day.

Sires Represented Are - Triple Threat, Triple Crown, Astro Jet, Mattador & others!

Plus 10 Head from Cortland Co., N.Y. - Fresh Cows & Close Springers.

"USUAL TOP QUALITY INDIVIDUALS!"

Sale Managed By...

AUCTION SERVICE KLING'S

KLING'S AUCTIONS, INC.
R.D. #1, Box 66
Landisburg, Pa. Lic. #500
717-789-3883 (Office)

Our Annual June Heifer Sale

• HEIFERS • • HEIFERS •

At The Shady Lane Dairy Sales Stables Inc., 1/4 Mile West Of Quarryville, PA, Off Oak Bottom Rd., Rt. 372.

400 ***HEAD REGISTERED & HI GRADE HOLSTEINS*** **400**

JUNE 8, 1990, 10:00 AM D.S.T.

Selling App. 100 Head Small Heifers To 1 Yr. Following With App. 100 Head Big Open Heifers Then Short Bred, Stock Bulls Fresh And Springing.

Animals Accepted All Day Wednesday & Thursday With No Extra Charge. All Animals Sold Individually For The Seller As Well As The Buyer. We Need Heifers Of All Kinds. The Heifer Market Is Very Strong With A Real Good Demand For Bred And Springing Heifers. Our Last Heifer Sale May 9 Top Grade Heifers To $1500. We Would Like To Thank All Shippers And Buyers For Their Fine Support At Our Annual May 8 Heifer Sale. We Had 834 Head And Could Have Sold More. We Expect Many Of The Same Buyers Back June 8. Please Have Your Heifers TB And Blood Tested Soon So Your Charts Are In Line.

The Place To Buy Farm Fresh Heifers

Shady Lane Dairy Sales Inc.

Quarryville, PA

Phone:

Glen 1-717-786-2750
David 1-717-786-1725

P.S. If You Have Heifers, Please Have Them TB And Blood Tested Now To Have Your Health Charts. We Can Help You Get Your Health Charts.

SHADLE SALE

A Public Auction of real estate and personal property was held May 12 by Romaine Shadle, 2 miles south of Landisburg, Pa. on Rt. 233 in Perry County.

The 1½ story Cape Cod style house, located on 1/3 acre of land was sold for $39,600.

Other prices included: china doll $120, spongeware bowl $275, St. Bernard still bank $155 and Mutt & Jeff still bank $150.

Fahnestock's Auction Service conducted the sale.

FARM TOY SHOW & SALE

A Farm Toy Show was sponsored by the Upper Dauphin Area FFA & Upper Dauphin Area Adult Farmers on May 5 at the Upper Dauphin Area High School, N. Church St., Elizabethville, Pa.

Some prices were: Int. 1466 Anniversary tractor $187.50, J.D. Syracuse collector tractor $110, Gama truck crane $60, Ertl Sears & Roebuck tractor trailer $50, Toy Farmer Ford #901 $50.

Dave Deibler was the auctioneer.

BUCK SALE

A Public Sale of antiques and real estate was held May 12 by Samuel J. Buck, 315 Gipple Street, Rupert, Pa. one mile south of Bloomsburg, Pa.

The 5 room bungalow with a 2-car garage was sold for $43,000.

Other items sold included: toy Case plastic tractor from 50's $265, early butter dish & lid $50, toy tin space ships $245 & $170, 2 PRR railroad lanterns $60 each, Breece salt & pepper and vase $230, Breece plate $95, Breece bowl $52.50, Victorian lamp & glass shade $220, child's wicker chair $37.50, child's rocker $50, Atwater Kent radio $70 and Lane cedar chest $120.

Donald E. Hock and George J. Henry were the auctioneers.

LEHR ESTATE SALE

A Public Auction of real estate was held May 10 for the estate of Clytie G. Lehr, 3600 Lewisberry Rd., Manchester Twp., York, Pa.

The #1 parcel consisted of a 2½ story stone house, 3-car garage on 4 acres of land and it was sold for $119,000.

The #2 parcel of land included a 22 acre farmette, 1½ story frame house and 2-car garage which was sold for $116,000.

The auctioneer was Blaine N. Rentzel.

Sale Reports

KRICK SALE

A Public Auction of guns, and shop equipment was held May 12 by Mildred K. Krick, 517 Vira Road, Lewistown, Pa. There were 223 registered bidders at the sale.

Some prices were: Sears 18 h.p. tractor & blade $1050, acetylene welder $210, Lincoln 225 electric welder $230, Savage 22 rifle $400, Stevens 22-410 rifle $190, Remington Mod. 700 rifle $350, Ithaca 12 ga. pump $350, 2 h.p. air compressor $255, American 6 in. jointer $380, Dewalt 10 in. radial arm saw $435, band saw $575, Powermatic 12 in. planer $500, Powermatic shaper $690, 24 in. thickness sander $710, large belt stroke sander $300, table saw $575, Rockwell 3 ft. lathe $350 and Central 16 speed drill press $285.

Mark Glick was the auctioneer.

ADRIANCE CONSIGNMENT SALE

A Public Auction of farm machinery was held May 12 at Jim Adriance farm, east of Montrose, Susquehanna Co., Pa.

Some prices were: Gehl 960 wagons $5100 & $5300, Gehl 750 chopper $6700, N.H. 489 haybine $3500, Martin spreader V bottom $2200, bale wagon $2000, J.D. 30-20 tractor $6200, Oliver 88 tractor $1100 and J.D. 650 tractor with loader $5900.

Jim Adriance, Auct., Roy Hollister, Apprentice and Harvey Clary.

FERNWOOD AUCTION CO. SALE

A Public Auction of antiques was held May 12 by Fernwood Auction co., at the Fernwood Hall on Rt. 926, 5 miles north of Avondale, Chester Co., Pa.

Some items sold were: stereograph $55, piano stool with claw feet & glass balls $95, 5 pc. old bedroom suite $620, metal animal doorstop $32, bicycle built for two $20, horse drawn sleigh $360, collection of Indian arrowheads $36 and crock $15.

Jim and Skip McClellan were the auctioneers.

McCULLOUGH SALE

A Public Auction of farm machinery and guns was held May 12 by Lorraine E. McCullough, 639 Weaver Valley Pike, 5 miles south of Lancaster along Rt. 222.

Some prices were: Farmall Super A tractor & loader $2675, plow $70, cultivators $260, hoers $120, disc $50, spring harrow $55, harrow & roller $220, sawbuck $50, snow plow $75, set of acetylene torches $325, level $45, skill saw $75, J.D. chain saw $145, 12 gauge shotgun $80, 20 gauge shotgun $80, 16 gauge shotgun $125 and 410 shotgun $135.

Auctioneers were Lloyd Kreider, Randal Kline and Roy Good.

GROVE SALE

A Public Sale of farm machinery was held May 10 by Mr. and Mrs. Kenneth E. Grove, Woodbine, York County, Pa. A nice sized crowd attended the sale.

Some prices received were: Ford 8N tractor $3025, Int. Cat D9 tractor $2600, Oliver 77 tractor $580, Oliver 77 (for parts) $260, Farmall 12 (for parts) $125, J.D. rotary mower $470, Bushhog $185, pull-type potato planter $50, push rototiller $40, little Custom 600 riding mower $210, 3 pt. scraper blade $110, 2-bottom 3 pt. plow $160, maple dinette set w/6 chairs $150, couch, loveseat & chair $240 and blonde hutch $40.

NISWANDER SALE

A Public Sale of real estate and personal property was held May 12 by Orville R. Niswander, 2526 Appleway, Chambersburg, Franklin Co., Pa. There were 429 registered bidders attending the sale.

The 7 acre farmette, house, barn and shed was sold for $82,500.

Other prices included: carriage buggy $500, Case VAC tractor $1050, copper kettle $520, small hooked rug w/Labrador dog $1500, quilts $275 to $420 each, 2 buggy lanterns $210, Kings Rose cup & saucer $160, Clarks spool cabinet with 2 drawers $230, granite coffee pot $170, 8" chalk lady figurine $725, Majolica plate $130, oak wardrobe $360, oak chest of drawers $950, kitchen cabinet $500, and 6 cane seat chairs $570.

J. Robert Meyers was the auctioneer.

ANNUAL PUBLIC SALE

From Interstate 81 South of Martinsburg, West Virginia, Take Exit #5 (Inwood) Route 51 East Approx. 3½ miles to Shutts' Cash Grocery - Turn right .2 of a mile to sale — OR — From Charles Town, West Virginia, Take Route 51 West, Go approx. 8½ miles to Shutts' Cash Grocery - Turn left - .2 of a mile to sale.

MONDAY, MAY 28, 1990
AT 8:30 A.M.

VEHICLES & TRACTORS: 1989 GMC 6000 low profile truck w/14' bed, 5 & 2 transmission and 23,000 miles, 1986 Dodge 1 ton dump truck, 1974 GMC truck w/12' flat steel bed, 1974 International 1700 Load star dump truck, 1963 Chev. Monza 900 2 door hard top, 574 International w/cab & air, 2400 International w/3 pt. & PTO, 1520 John Deere w/ independent PTO, 1700 Owatonna diesel skid loader, 165 Massey Ferguson tricycle w/mounted New Idea picker, Bolens G244 tractor w/new engine, 1924 loader & MD backhoe, Satoh tractor, 1952 8N Ford tractor, West Pettibone fork lift (lifts 2500 lbs. to 18'6"), Massey Ferguson 2500 fork lift, Great Dane 38' storage trailer, 230 Suzuki four wheeler, golf cart, new Woods 2860 20 hp diesel mowing machine, 518H Wheel Horse riding mower and many other farm tractors & riding mowers.

FARM EQUIPMENT: 3800 John Deere chopper w/grass-corn-pickup heads, 625 Fox tandem ensilage wagon (nice), 78 New Holland baler, International 430 baler & kicker, #12 New Idea spreader (good), 1209 John Deere haybine, New Holland 310 baler w/kicker, 2000 gallon fiberglass water tank & hose (less than 1 yr. old), elevators 28 to 36' 5-6-7' finishing mowers, 2 flail mowers, 5-6-7-8' landscaper boxes & yard rakes, FMC 100 gallon 3 pt. sprayer w/hand gun & boom, 3 flat wagons, 5-6-7' pull type cutters, John Deere field sprayer, 2-451 New Holland 7' mowers, RM 59 used Woods mower, 1987 26' Hillsboro gooseneck trailer, 3 open frame single axle trailers and 2 & 3 axle utility trailers.

SHOP & FARM ITEMS: New cab for 20 hp Wheel Horse, top links, draw bars, tractor seats, deluxe tractor seats for Ford & MF, 3400 gas generator, 3 hp air compressor, electric band saw, 10 new 28" tractor rims, log chains, slip clutches, flashing light, assortment of mold boards, plow points, Ford pulley, used tractor parts, used tires & rims (front & rear), cylinders and gas water pump.

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID REQUIRED TO ACQUIRE A BIDDING NUMBER.

Open daily - Monday through Saturday
8 a.m. until 5 p.m.
Consignments Welcome
WE BUY - SELL - TRADE
TRACTORS - EQUIPMENT - TRAILERS

Contact Us for Auction at Your Location
EDGAR A. BOHRER,
SALE MANAGER
WV LIC. #18
304-229-8354

NOTE: DUE TO DAILY BUSINESS CERTAIN ITEMS MAY BE SOLD PRIOR TO AUCTION. HOWEVER, THERE ARE MANY GOOD TRACTORS AND A LARGE SELECTION OF EQUIPMENT AVAILABLE ON SALE DAY.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

PUBLIC AUCTION
SATURDAY, JUNE 9, 1990
9:00 A.M.
REAL ESTATE ANTIQUES PERSONAL PROPERTY

LOCATED: Follow Susquehanna Trail North from Rt. 30 2½ miles to Lewisberry Road on left. Travel 2 miles to sale on left. Watch for signs.

REAL ESTATE 12:00 NOON

FARMETTE

This frame 2½ story farm house w/asbestos siding situate on a lot of approx. 2.82 acres w/378 ft. frontage is located in Manchester Township, Central School District, York County, PA. First floor has living room, eat-in kitchen, pantry, 2 other rooms, front and 2 side porches. 2 stairways give access to second floor which contains 4 bedrooms, full bath and balcony. Third floor garret. Basement w/ outside cellarway. House is accommodated by oil radiator heat and well water. Property complete w/fenced yard, shade trees, grape arbor, fruit trees, smoke shed, butcher house, 1 car garage w/tool shed, chicken house and two bay barn. An excellent choice of someone desiring a country setting.

MOUNTAIN LOT

7 acre wood lot in Conewago Township w/no recorded access.

TERMS: 10% down, balance in 60 days. For inspection, phone 764-6412 from 8 AM to 5 pm.

PERSONAL PROPERTY

2 Square 5 Legged Oak Tables w/Ext., Round Oak Dropleaf Table, Cherry Dropleaf Table, Set of 5 Painted Plank Bottom Chairs, Jelly Cupboard, Kitchen Cabinet Base and Top, Square Oak Stand, Wood Box, Dovetailed Blanket Chest w/Till, Wainscot Blanket Chest, 3 Pc. Oak Bedroom Suite, w/Bed, Dresser, Mirror and Washstand; 3 Pc. Bedroom Suite w/Bed, Pegged Drawer Dresser and Washstand; Youth Bed, Washstand w/ Teardrop Pulls, Child's Chair, Double Bed, Chest of Drawers, 2 Press Back Chairs, Square Oak Stand, Wooden Rocker, Oak Vanity, Clothes Trees, High Chair, Doughtray, Light Wood China Closet, Zenith Floor Radio, Sofa and Chair, Philco Port. Color TV, Singer Sewing Machine, Porch Glider, Frigidaire Electric Dryer, Easy Spin Dryer, Space Heaters, Norge Upright Freezer, Hardwick Gas Stove (Avocado), Philco Refrigerator (Avocado), Kenmore Sweeper, Cuckoo Clock, Magazine Racks, Mortised Bench, Metal Wardrobe, Various Baskets, Pattern Glass, Quilts, Comforts, Blankets, Piano Rolls, Ingrahm Mantle Clock, Crocks and Jugs, Ticking, Carnival Bowls, Drying Rack, Advertising Boxes, Pictures and Frames, Old Newspapers, Hobnail Pcs., Planters, Tupperware Jars, Ironing Board, Electric Broom, Pots and Pans, Kitchen Utensils, Cast Fry Pans, Books, Lamps, Forehand 12 Ga. Single Shot, Buster Brown Shoes and Leinhart Bros. Red Wagons, Brass Bucket, Wooden Keg, Lantern, Wooden Tubs, Pump and Troughs, Buck Saw, Bone Saw, Butcher Kettle and Ring, Bee Equipent (Hive Boxes, Net, Smoker, Etc.), H&D 1 Hole Corn Sheller, David Bradley Power Sprayer, Mighty Mac 3 HP Shredder, 22' Alum. Ext. Ladder, Wooden Wheelbarrow, 32' Wooden Ext. Ladder, Step Ladders, Lumber, Fence Wire, Long-Handled Tools and More!!!

1967 Ford Fairlane - Blue, 4 Door

TERMS: CASH OR GOOD CHECK.
Conducted For:
WILFORD S. ROHRBAUGH
P.O.A.: Preston E. Rohrbaugh
Attorney: Earl Doll
Auctioneers: Blaine & Nevin Rentzel
Emigsville, PA
(717) 764-6412
PA Lic. #761 - #2483

MILK AMERICA'S HEALTH KICK

AUCTION SALE
COFFEE MUGS, FURNITURE, CARPET, APPLIANCES, CABINETS, PLBG. FIXTURES BOW WINDOWS, CERAMIC TILE, FORKLIFT
TUESDAY, MAY 22 - 10 A.M.
ON PREMISES
1825 E. BOSTON AVE., PHILA. PA.
SALE FOR ACCOUNT OF UNDERWRITERS AND OTHER ACCOUNTS COMPRISING IN PART:
COFFEE MUGS, FURNITURE, CARPET

8,100 (225 Cs./34) Plain White Ceramic Coffee Mugs, Dressers, Chests, End & Coffee Tables, Night Tables, Bedding, Lamps, Dinette Sets, Breakfronts, Desks, Ottomans, Unpainted Furniture, Framed Prints, Wicker Furniture, Infant Swings, 65 Rolls Broadloom & Commercial Carpet, Vertical Blinds, Vinyl Flooring

NUTTALL GEAR BOX TYPE 500 SIZE 03024 HEAT EXCHANGER

APPLIANCES, CABINETS, PLUMBING, TILE

12 Calonic Gas Ranges, Hotpoint & Whirlpool Dryer, Refrigerators, Freezer, Range Hoods, 214 Kitchen Cabinets - Base, Wall, Sink, Corner & Utility, Steel Sinks, Countertops, 50 Matching China Bathroom Sets - Toilet, Bidet & Pedestal Sinks, Hot Tub, Whirlpool Tub, Steel Tubs, Shower Bases, Tub Kits, Caulk, Plumbing Fittings, Medicine Cabinets, Water Heaters, Portable Radiant Heaters, Fiberglass Tub Modules, Vanities, Vanity Tops, 8,300 S F. Glazed Ceramic Tile.

BUILDING MATERIALS, SHELVING, FORKLIFT

¼" to ¾" Lauan Plywood, Roll Roofing, Drywall Nails, Pine Mouldings, 5 Bow Windows, Insulated replacement Windows, Steel Doors, Wood Doors, Ceiling Tile, 12x12 and 2x4, Fiberglass Insulation, Carded Hardware, Paint, H.D. Vises, Locksets, Roller Conveyor, Pallet Jacks, Pallet Shelving, Pettibone-Mercury Model G-40 Pneumatic Tire Propane Forklift, Car Tires.

INSPECTION: MONDAY MAY 21 - 9 A.M. to 4 P.M
TERMS. CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQ.

PA. AUCTIONEERS LICENSE NO AU000175L

ESTABLISHED IN 1874
COMLY Auctioneers
WM. F. COMLY & SON, INC.
1825 EAST BOSTON AVENUE
PHILADELPHIA, PENNSYLVANIA 19125
(215) 634-2500

2-DAY PUBLIC AUCTION
OF VALUABLE ANTIQUE FURNITURE GENERAL ANTIQUES COLLECTIBLES & PERSONAL PROPERTY
ON
FRI., JUNE 1, 1990
AT 3 P.M.
& SAT., JUNE 2, 1990
AT 9 A.M.

At Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa. The following to be offered at public auction from a private home in York County for Mr. & Mrs. Scott Bayless.

ANTIQUE FURNITURE

7 pc. Victorian parlor suite, oak wardrobe, marble tier stand, tables, stands, rockers, 2 pump organs, hall rack, odd chairs, marble top stands.

LAMPS & GENERAL ANTIQUES

Fancy hanging lamp, brass & leaded table lamps, sm. kerosene lamps, shades, globes & bases, modern grandmothers clock, shelf clocks, 1892 9 pc. bowling game, large fish boy, metal fire engine with horses, sm. horse, 2 doll carriages, asst. dolls, wash sets, picture frames, jardiniere, vases, urns, 2 blue crocks, Lionel #150 train engine & other train items, Ives 1100, Lionel full station base, lots of good small collectibles, framed Civil War Discharge, powder horn, 6 & 7 pc. wash sets, 7 pc. chocolate set, a good selection of dishes & glassware in Ironstone, Japan, Germany, Opalescent, clear, cut & colored glass, Nippon, Silesia & more. Also some personal property and much, much more.

For a more complete listing write Gilbert & Gilbert, Auctioneers, R.D.#1, Wrightsville, Pa. 17368.

Not responsible for accidents on day of auction.

PREVIEW SHOWING: Thurs. evening, May 31, 6:30 P.M. to 8:30 P.M. & 1 hour prior to auction.

TERMS: Cash or Good Check. No out of town or out of state checks unless accompanied by a current letter of guaranteed payment from your bank.

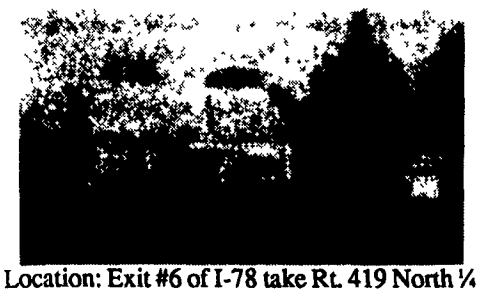
BRIAN L. GILBERT, LIC. #2256,
JACOB A. GILBERT, LIC. #336
— AUCTIONEERS —

Miller

PUBLIC AUCTION

REAL ESTATE & HOUSEHOLD & 1984 FORD TEMPO

SAT., JUNE 9 - 10:00 A.M.

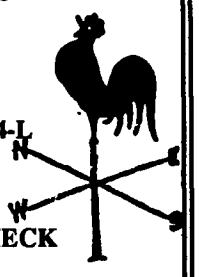


Location: Exit #6 of I-78 take Rt. 419 North ¼ mile to property on right, village of Schubert. 25 miles northwest of Reading, PA.

REAL ESTATE is a 1½ story frame house w/ siding. 2 car detached garage. Property has nice size lot w/mature shrubs & trees. 1st floor has kit./din. rm. comb., bedrm., laundry rm. w/shower, living rm. 2nd floor has 2 bedrms., full bath. Real Estate offered at 12:00 Noon. 10% down day of sale, bal. 45 days or less. For appointment, call (717) 933-4033 or auctioneer. Contents: Grandmothers clock, dovetail blanket chest, old metal riding tractor, furniture, brass bed, glassware.

Attorney: Kenneth Sandoe

Auctioneer:
Dwight D. Miller AU-002414-L



TERMS: CASH OR PA. CHECK
717-933-5736

AUCTION FOR:
HARRIET JE DELONG

LARGE THREE DAY SALE OF FARM EQUIPT., ETC.

At our place of business located six miles south of Chambersburg, Pa., one mile east of Marion just east off Rte. 81 "Exit 4" along Rte. 914 on

Wednesday, May 23, 1990,
Thursday, May 24, 1990,
Friday, May 25, 1990
Sales at 9:00 A.M. Each Day

SELLING ON WEDNESDAY

Usual run of misc. items inc. new and used tools, chain saws, other misc. items.

SELLING ON THURSDAY

Tractors of various make and model, trucks, trailers, lawn and garden tractors, etc.

SELLING ON FRIDAY

Farm equipt. inc. hay machinery, combines, pickers, wagons of all kinds, spreaders, grinder mixers, plows, packers, disc harrows, drills, planters, sprayers, new and used rotary mowers, blades, post diggers, usual run of equipt., tires, posts, etc.

Farmers and Dealers- Bring in your equipt. for this sale. Next sales - Two Days June 21-22. Don't bring junk, old tires, doors or windows. We are not responsible for condition of equipt. sold or for prices obtained. **No equipt. with liens accepted unless we are notified in advance.**

Open daily 8 A.M. to 5 P.M. Closed on Saturday except Saturday before and Saturday after sales until 3 P.M.

Terms Cash or Good Check. Ident. required.

RALPH W. HORST, Manager
License AU-000-437L
Marion, Pa. 17235 Phone 717-375-2824
Rentzel, Bohrer, Wolgemuth, Harry, Upperman, Gossert, Auctioneers

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

MAY

SAT. MAY 19, RE, Antiques and HH Goods, located along Rt. 322, Village of Blue Ball, Lizzie W. Kreider, owner, Nevin Martin and Andrew Martin, Aucts.

SAT. MAY 19, (3) Parcels Valuable RE, 4 bdr. Exec. Home, 4.9 acres land, 1 acre lot, 2 mi. off Rt. 896, New London, PA, Whiteside Auction Service, Aucts.

SAT. MAY 19 - 8:30AM, RE, Antiques, HH Goods and Tools, located 230 Royer Rd., Ephrata, PA, Elmer M. Weaver Estate, Paul Martin and John Stauffer, Aucts.

SAT. MAY 19 - 8:30AM, 102 Acre Farm, FE, Hay, Antiques, etc., located 3 mi. W. of Rts. 11 and 15 on Silver Creek Rd., in Union Twp., Snyder Co., PA, Estate of Truman C. Aucker, Dale L. Longacre, Auct.

SAT. MAY 19 - 8:30AM, 2 Hit & Miss Gas Engines, Asst. Tools, HH Items, Etc., located on premises along 501 in Mt. Aetna, N. of Myerstown, PA, John and Helen Mays, owners, Weik and Kurtz, Aucts.

SAT. MAY 19- 9AM, 9 Acre Farmette, Personal Property, Antiques, From Ephrata take Rt. 272N turn right on 897S, approx. 2½ mi. to property on right, Benjamin Hoover, Raymond Hoover, POA, Kline, Kreider and Good, Aucts.

JUNIATA CO. FARMETTE AT

PUBLIC AUCTION

SAT., JUNE 16 - 1:00 PM

Located approx. 45 mi. west of Hbg., 1 mi. east of Cocolamus.

2 sty., 5 bedrm. frame home, 4 bay machine shed, (all in good repair), on 70 acres, w/ approx. 30 acres cleared, bal. woodland. Well stocked trout stream through property, secluded, a real hunter's & fisherman's paradise.

FOR INFO OR BROCHURE w/pictures, map & terms, contact Auctioneers:

Long's Auction Service
R.D. 1, Box 458
Port Royal, PA 17082
Ph. 717-527-2405 or 4458
AU001702L

PHYLLIS P. NACE, Owner

Short Notice

FARM AUCTION

HAY EQUIPMENT

Sat., May 26th - 10:00 A.M.

DIRECTIONS:
2 miles southwest of McVeytown on Rt. 522.

COLLECTIBLES AND HOUSEHOLD: Wooden love seat, 5 leg round walnut dropleaf table, china hutch, dry sink, crocks, butter churn, depression pieces, 4' 7-Up cooler Victor, oil lamps, antique cupboard, 3 deep freezers, 7 kitchen chairs, bed, dressers, lanterns, miscellaneous.

FARM EQUIPMENT

TRACTORS: 11:00 A.M. **1520 John Deere diesel tractor w/145 front end loader, 47 John Deere B Tractor** as is, 30' bale or corn Kewanee elevator, hay wagon New Holland running gear, New Holland 256 rubber tooth hay rake, New Idea #10 1 row corn picker, **New Holland #273 hay baler** with kicker-**A1**, Hesston #10 haybine, 2 kicker wagons, Grove wagon self-unloading, calf hutch with head stanchion, 8' springtooth, 2 section John Deere harrow, John Deere 12A flail chopper, 185 gallon fuel tank, 285 gallon tank with electric fuel pump, fence posts, trough feeders, 3 pt. spin spreader, 8' disk, 7' 3 pt. scraper blade, 8' John Deere KBA disk on rubber, John Deere 5' bush hog mower, portable grinder, 2 milk pumps.

TOOLS: 266 chain saw, 6 - 55 gallon drums, Husky 154 chain saw like new, outside security light, 2' floor safe, stainless steel milk pail, chain binders, log chain, aluminum and extension ladders, Lazy Susan bolt rack, nails in containers, **Snapper Rototiller** 5hp with cultivators, crescent and pipe wrenches, pipe vise, shovels, ¼ " electric drill, electric fencers, levels, beef hooks, digging irons, 2 milk cans, miscellaneous tools.

BEEF ANIMALS: 3 calves, 2 bulls, 5 cows.

AUCTIONEER'S NOTE: Equipment kept inside; equipment field ready; 1 hour small items.

TERMS: All sales final, payable upon conclusion of sale. Local checks, cash or certified funds. The owner, auction company and all other representatives are not held liable for any advertising discrepancies or accidents.

PREVIEW: Prior to sale. Rain or shine.

OWNERS:
Clyde & Betty Krepps
AAA Auction Service Co. Inc.
Auctioneer: Joe Dobozynski, C.A.I.
Telephone: (717) 436-9594
Auctioneer's Lic. #AU-002222-L

PUBLIC AUCTION

SAT., MAY 26, 1990

9:00 a.m.

For James Knight
Ironstone Drive
2 mi. w. of Boyertown, off Rt. 73

Lg. Combination Sale: Farm Equip. & Vehicles, Classic Cars, Antiques, Old Toys, Furniture, Glassware & Collectibles.

ANTIQUES: Rd. oak table, rope bed, C.B., trunk, Mission porch set, Treadle sewing machine, oak clothes tree, wood box, chicken crates, oak cabinet, etc...

TOYS: wind-up rooster w/cart, Sandy Andy street car #130 w/carton, Heinz 57 grocery truck, Reg'lar Fellers pencil cases, D.B. cork guns, Mech. Speed Boy delivery truck, metal cars, trains, etc...

CLASSIC CARS: 1959 Chevy Impala, 2 dr., hardtop, auto., 1962 Plymouth Belvedere push button, 54,000 org. mi.

FARM EQUIP: J.D. 3020 diesel tractor, ful. equip., Farmall M. Hyd. lift tractor, 1974 Chev. 12' F.B., 4-sp. truck, Int. 4 bottom plow, Md. 700, Int. J.D. 2 bottom plow, 2 J.D. 15 disc drills, J.D. & New Idea manure spreaders, N.H. Baler, Md. M. 68 w/PTO, field sprayer, D.B., S.D. rake, Int. corn planters, 4-row, 2 tag along trailers, 3 R.T. wagons, Bush Hog, Int. hay crimper, N.I. #10 1-row corn picker, 2 J.D. disc, 2 corn cribs, 12x12 wood shed, farm tires, fuel tanks, barn full of hay, ground corn, etc.

MISC: Lg. amt. hand and garden tools, elec. hack saw, elec. motors, chain hoists, ladders, rope, stg. tanks, fencing & posts, Lumber & cord wood, scrap metal, barrel wood stove, log chains & much much more.

HOUSEHOLD FURN: Maple D.R. set w/ Hutch, Mpl. L.R. furn., beds, chests, tables, 2 wood & coal stoves, ref., outdoor furn., stereo, color T.V., dishes, linens, cookware, etc.

MARLETTE HOUSE TRAILER: 12x65, good cond.

TERMS: Cash, or approved check
Order Of Sale: Tools & Farm Equip. Antiques & Cars at 12:00 p.m.
John H. Glenn Auctioneer
Lansdale, Pa. 368-0365
Lic. #AU-001220-L

Owner Or Auctioneer Will Not Be Responsible For Accidents
LUNCH AVAILABLE

Outstanding Estate Auction

Granville Yetter
Antiques & Farm Equipment

Sat., June 2, 9:30 a.m.

Sale at: Hemlock Drive, Stone Church (Mt. Bethel), Pa. Turn east off Rt. 611 onto Stone Church Dr., Follow signs.

Inspection: 8 a.m. to sale;
Refreshments available.

Highlights: Noteworthy decorated horse-drawn cutter sleigh; horse-drawn scythe bar mower; horse-drawn hay rake; horse-drawn single bottom plows; farm cutoff saw; Farmall tractor BN model w/attachments, nice condition; (2) farm wagons, one w/steel wheels; hay elevator; John Deere hay rake; John Deere 8-foot manure spreader; decorated corn sheller; bag scales; hay fork; iron corner pockets; feed cart; old wood cow stanchions; large feed box; harness; sleigh bells; 4-piece oak chip carved bedroom set; 3-piece oak chip-carved bedroom set; early dovetailed dry sink, 2 doors, 2 drawers; early butler's desk w/curly maple interior; round oak table w/leaves; oak sideboard; beautiful 3-piece cut velvet living room set; 3-piece cottage bedroom set; twin brass bed; iron beds; 5 arrowback chairs; arrowback high chair; 9-piece Depression dining room set; child's rocker; early rope bed in orig. finish; tapered-leg tavern table; (2) copper apple butter kettles; (3) iron butchering kettles; extension table w/leaves; oak music cabinet; many early comic books in beautiful condition; Laffarque, N.Y., player piano; piano rolls; oak Hoosier cabinet; oak rocker; carpet rocker; (3) trunks; tobacco stand; butcher bench; cabinet maker's bench; water bench; wicker rocker; old sausage stuffer; early baskets; Carbide light; sad irons; Dockash iron kitchen stove; 33 pcs. Depression glass; Staffordshire plates; 6 pcs. Carnival glass; ruby glass; pattern glass; Victorian water set; Depression hanging lamps; milk glass; old tin; antique Christmas ornaments; some hand tools; large gas tank w/hand pump; some antique clothing; early flute; 40-foot wood extension ladder; plus much much more.

Terms: Cash or check approved prior to sale.

Auctioneer's note: This is your chance to see a real antique farm sale. Untouched. Come early for best parking.

Auctioneer:
Robert C. Teel
License No. AU-002409-L
Daily Inquiries: (717) 897-6558
Rt. 611, Mt. Bethel, PA 18343

Sale Reports

BUNNELL SALE

A Public Sale of farm machinery was held May 11 by Art and Diane Bunnell, 4 miles from Meshoppen, Pa.

Some prices were: J.D. 2750 D tractor $16,600, N.H. 717 corn chopper $1100, I.H. 425 baler $1400, N.I. corn picker $1225, chopper wagon $700, Copeland compressor $130 and 3.6 h.p. milker pump $500.

Jerry Burke was the auctioneer.

ONTELAUNEE ORCHARDS SALE

A Public Auction of orchard and farm equipment was held May 11 for Ontelaunee Orchards, Adams Road, near Leesport, Berks County, Pa.

Some items sold included: Caterpillar D4 bulldozer $1900, Caterpillar D2 bulldozer $1425, lowboy trailer $2200, flatbed trailer $425, 67 Int. flatbed truck $950, 75 Int flatbed truck $1250, rotary mower $1250, brush cutter $1100, 65 Int. truck-tractor $950, 2 antique light posts $900, old door lock $165 and old hinges $5 to $30 per pair.

Kenneth P. Leiby was the auctioneer.

CONSENTINO SALE

A Public Auction of personal property was held May 12 by Hannelore Consentino, 1½ miles west of the village of Rehrersburg, Berks Co., Pa.

Some items sold were: parts of train set $327, assorted equipment testers $7 to $30 each, piles of scrap copper wire $20 to $300 ea., piles of scrap metal $20 to $200 ea., occupied Japan tea set $280, china set "Normally" $75, and tools $3 to $15 each.

Dwight D. Miller was the auctioneer.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. MAY 19 - 9AM, RE, Antiques, Quilts, HH Goods, located at 1456 Union Grove, Earl Twp, Lanc Co., PA, Lizzie M. Eberly, owner, T Glenn Horst and Sons, Aucts.

SAT. MAY 19 - 9AM, 65 Acre Farmette, Antiques, Guns, etc., along Lutz Rd, Greenwich Twp., Berks Co., PA, Charles W Wessner Estate, Dennis F Wagner. Auct

SAT. MAY 19 - 9AM, Old Guns, Some Furniture, Antiques and Collectibles, located in Mifflin Co, at 20 Trella St, Belleville, PA, Richard and Evelyn Young, owners, Mark Glick, Auct

SAT MAY 19 - 9AM, Farm Machinery, Antique Furniture & Collectibles, HH Goods, located approx 4 mi N of Millersburg, along Rt. 147 just N. of the Village of Paxton, Mr and Mrs William Martz and Mrs Kermit L Witmer, owners, David Deibler and Ed Shoop, Aucts

SAT. MAY 19 - 9AM, Annual Consignment Auction, at 1305 Humlurt School House Rd, Westminster, MD, Ralph Schuchart, owner, Jim Beaver, Auct

SAT. MAY 19 - 9AM, Spring Consignment Auction-Farm, Industrial, Garden Equip, Livestock and Misc Items, located Rt 25, Calverton, Corner of Edwards Ave and Rt 25 at light, Jim McBurnie, Auct

SAT MAY 19 - 9AM, Fine Lot Rifles, Shotguns, Revolvers, Etc, located Rt 34, ½ mi. N. of Gettysburg, PA, bear right at Y and continue 2 mi on Table Rock Rd, Luther C Cluck Est, C David Redding, Auct

SAT MAY 19 - 9AM, HH Goods, Furniture, Glassware, etc, Rt. 125, Tremont, PA, Ray and Gerri Ney, owners, Ben H Nolt, Auct

SAT MAY 19 - 9AM, Trailer, Snowmobile Inventory, etc., located at Bubb's Sports Center, in village of Pennsdale, PA, Lyc Co, Paul "Pete" and Betty Bubb, owners, Fraley Auction Co, Aucts

SAT MAY 19 - 9 30AM, Horse Equip and HH Furniture, Millstone Twp, Englishtown, NJ, Denis Rety, owner, Norman Parker, Auct

SAT MAY 19 - 9 30AM Sharp! Valuable Baseball Card Sale, located at Newberrytown Fire House, Newberrytown, PA, Ike Eichelberger, Auct

SAT MAY 19 - 9 30AM Sharp! Antiques and Collectibles, Furniture and HH, located 458 Market St, Bloomsburg, PA, Burt Wandell, owner, Hock's Auction Service, Aucts

SAT MAY 19 - 9 30AM, Bucket Trucks, Knuckleboom and Stake Trucks, etc, Limerick, PA, Philadelphia Electric Co, owners, Vilsmeier Auction, Aucts

SAT MAY 19 - 9 30AM, Many, Many Antiques! located off Rt 550, 4 mi N of Bellefonte, PA or 1 mi S of "Y" in Zion, Mr and Mrs Earl Lutz, owners, Ronald J Gilligan, Auct

SAT MAY 19 - 9 30AM, Complete Line of Farm and Dairy Equip, located 5 mi S of Berlin, PA, Somerset Co., off Rt. 160 near Cooks Store, Mrs Elisabeth Bauman, owner, Luce Auctioneers

SAT MAY 19 - 9 30AM, Antiques, HH Goods, Collectibles & Tools, located Rt. 10, 2 mi S of Parkesburg, PA, 3 mi. N of Rt 41, Ada F. Hess, owner, Kenneth Griest and John Stoltzfus, Aucts.

SAT MAY 19 - 9.30AM, Trucks, Loaders, Crusher, Equipment, Municipal Surplus Auction, at the Highway Department just off Rt. 21 over the canal on the NE side of the Village of Palmyra or Exit 43 on NYS Thruway to Rt 21 N. to Palmyra, Palmyra Town Highway Department, owners, Roy Teistworth, Inc.

SAT. MAY 19 - 10AM, 1912 Autocar Truck, 1919 Avery Tractor, Gas Engines, Small Steam Engine, Drag Saw, Many HH Antiques, located Covington, PA, Mrs Richard Snyder, owner, Dick Crittenden Auction Co, Aucts

SAT MAY 19 - 10AM, Farm Machinery, Horse Drawn Equip., Classic Cars, Antiques & More, located Mallory Rd., Central Square, NY, Estate of Rip Lapp, Deppoliti's Northeast Auction Center, Jim Deppoliti, Auct.

SAT. MAY 19 - 10AM, Tractors, Potato Equipment, Trucks Implement, Grain Tanks, located Oak Hall, VA, Sylvia Thompson, owner, Pete Richardson Auction Sales, Aucts

SAT. MAY 19 - 10AM, Real Estate, HH Goods, Antiques, Guns, Train Set, 1987 Toyota Pickup, located in Conestoga Valley Sch. Dist, on S. Cherry Lane, E. Lampeter Twp, Lanc. Co, PA, Daniel and Arie Smucker, owners, Steve and Steve, Jr, Petersheim, Aucts

SAT MAY 19 - 10AM, Block Building with Two-level Show Room, Garage, Paint Shop and Office plus Related Parts, Equip. and Tools, located 360 W. Market St. in Hallam, PA, John Bausert, owner, Frederick Toomey, CAI, Auct.

ABRAM M. SOUDER ESTATE
PUBLIC AUCTION
Valuable Real Estate
Personal Property, Antiques
1948 Farmall Cub Trac. w/ Attachments

SATURDAY, JUNE 2, 1990
Auction Time: 9 A.M.
REAL ESTATE 1 P.M.

Location From Blue Ball take Rt 23 East approx 1½ miles, turn right onto Fetterville Rd to property on right East Earl Township, Lancaster County

2 ACRE FARMETTE

Real estate consists of 2½ story 4 bedrm home w/ spacious rooms throughout 1st floor contains eat-in kitchen, lg living & dining rooms & parlor Sm frame barn, 2-car block garage & 2-story block chickenhouse — ideal for storage and or shop area All this located on lg .2 acre country lot Lovely location w/ easy access to Rt 23 Minutes away from Morgantown & New Holland

For terms & details call auctioneers at 215-445-4309 or 717-733-1006

Open House dates — Sats, May 19 & May 26 from 1-4 P M or by appointment

Personal Property - Antiques

Everyday Dishes & Kitchen Utensils, Dinette w/6 Chairs, Glassware including — Carnival, Depression, Maestrich Goofus, Homer Laughlin & Others, Agate Ware Tinware, Flatiron, Thor Stainless Silver Set, Jugs & Crocks, Iron Kettle, Kellogg's Cereal Pins, Egg Baskets, Games & Puzzles, Few **SILVER DOLLARS & ¼ DOLLAR PCS.**

OLD DOLL signed GERMAN, Doll Cradle, Old Wooden Playpen, Quilt Patches, Old Quilts & Comforters, Linens; Doilies, Old Ice Skates, Children's Toys, Dated Jars, Corn Dryer, Berry Crate, Old Picnic Basket w/Tin Lining, Old Cameras; Old Victrola (as is), Egg Scales, Dovetail Boxes, Old 78 Records, Old Children's Books, Glass Water Fountains

High Back Dry Sink w/Zinc Bottom, 9 pc Dining Rm Suite, 4 pc Bedrm Suite, 6 Cane Bottom Pressed Back Chairs, Several Plank Bottom Chairs & Others, Library Table, Oak Stand, Several Rockers, Metal Bed, Davenport, Oak Dresser, Empire Dresser, Old Wood Box, Plant Stand, Victor Upright Freezer, Maytag Sq Tub Wringer Washer, Frigidaire Elec Range, Duo-Therm Oil Stove, Warm Morning Coal Stove, Estate Heatrola Coal Stove, Kero-Sun Stove

1948 Farmall Cub Tractor w/Cultivators

The following attach fit on Farmall Cub & will be sold separately 1 B Plow, 5' Sickle Bar Mower, Snowplow, Single Section Disk, Bolens 8 HP Trac w/36" Mower, Ryan 20" Mower, Sears 2500 Watt Generator, 2-Wheel Trailer, Bag Wagon, Assort Hand Tools, Lots Chicken Feeders & Waterers, Pitcher Pump, Hog Troughs, 3 Wanner Chicken Brooders; plus lots of other items!

1963 BUICK ELECTRA 225 4-dr, loaded, PW, PS, PB, AM-FM, AC, Power Seats, 1967 DODGE CORONET 4-dr, V8, 440 engine, Auto, PS, PB, AC, 71,000 orig mi

NOTE This is only a partial listing Something here for everyone Real estate to be sold 1 P.M. followed by tractor & cars Tent provided in case of inclement weather Terms are cash or good PA check.

Lunch by Goodville Fire Co Aux

Terms by
ABRAM M. SOUDER ESTATE
VICTOR SOUDER, EXC.
215-445-4997

Atty James Weaver
Auction conducted by
Randal Kline, Lloyd Kreider
Roy Good Jr — Auctioneers — AU-2116L
215-445-4309

Kline & Kreider Auctioneers

OUTSTANDING 3-DAY ANTIQUE AUCTION
Estate of Kathleen B. Przybyla
THURS., MAY 31 AT 9:00 A.M.
FRI., JUNE 1 AT 9:00 A.M.
SAT., JUNE 2 AT 10:00 A.M.

• *FEATURING* •

Gaudy Welsh, Gaudy Ironstone, Spatter (Over 140 Pieces), Silver Luster, Oil Lamps, Stiegel Type Glass, Oil Lamps, Wedgewood, 45 Ink Bottles, Glassware, Glassware, Glassware! Transfer Dec. Ironstone, Quilts, Stamps, Brass Candlesticks, Redware, Copper Luster, Pink Luster, Historical Blues, Adams, Soft Paste, Collection of Thousands of Pieces Flatware, Primitive & Vict. Furniture, Plus Much, Much More.

"ADMITTANCE BY CATALOG ONLY"
For Catalog Please Send $15 to Fortna's Auction Co., 18 E. Main St., Annville, PA 17003, and Additional $2 for Prices Realized List.

FORTNA'S
Annville Auction Co. & Gallery
18 E. Main St., Annville, Pa. 17003
Michael R. Fortna

ALL DAY PUBLIC AUCTION
9:00 A.M.
TUESDAY, MAY 22, 1990
Located at Diffenbach's New Holland Auction Center, 100 West Jackson St., New Holland, PA 17557.

COMPRESSORS
20 Compressors From 1 HP To 25 HP New & Used, Most All Used Compressors Are Rebuilt, Including New Curtis 10 HP; Worthington 5 HP, Like New; Quincy Compressors; 3 HP 60 Gallon Tank And Electric Motor; 25 HP With 120 Gallon Tank & Electric Motor.

WELDERS
Large 400 Amp Miller, 3 Phase; Airco 400 Amp Solid State; Hobart 300 Amp Stick 3 Phase Lincoln Arc Welders; Lincoln 150 Portable w/Tecumseh Engine.

LARGE EQUIPMENT
Oster Threading Machines: Toledo Model 999 Pipe Threading Machine With Hyd. Motor With Many Dyes And Cutters Ready To Operate; Large Drive-All Lathe; Cincinnati Milling Machine; Four Industrial Type Drill Presses; Punch Presses; Air Tanks; Push Carts And Dollies; Ingersol-Rand 1000 Lb. Air Hoist; New Hyd. Pilot Jacks.

"NEW SPUDNICK"
New Table Saws; New Drill Presses; New Belt Sanders; New Wood & Steel Cutting Band Saws; New 6" Jointer; New 15" Planer.

All Kinds Of New Air Tools; Vises; 30 Rolls w/Paper For Baled Tobacco.

Hand Tools Including Vise Grips; Hammers; Saws; Ridgid Tools; Forks; Shovels; Brooms; Hand Cleaner.

This is an inventory reduction sale for Stoltzfus Hardware, Kirkwood, Pa. Some items due to daily business subject to prior sale.

Sale at 9:00 A.M.
Large Equipment 1:00 P.M.

DIFFENBACH'S AUCT. 225L
PH. 355-SALE

Large Assortment Of Office Desks, Office Chairs & Files Will Be Sold At 12:00 Noon. 25 Desks, 20 Filing Cabinets, 50+ Chairs.

PUBLIC SALE
Sat., May 26 • 9 A.M.
Rt. 522 - 3 miles west of Orbisonia, PA.
(Central PA)

Victorian Loveseat w/2 Side Chairs, Beaded Purse, Remington Pocketknife, Oak Chest of Drawers w/mirror, Currier & Ives Dinnerware (Early Winter) service for 8+ Extra Dishes, Original Cut Records (John B. Ford) + HH & Garage Items.

Steve Price AU-727-L
814-447-3375

Hill Valley Auction
814-447-3746

Terms: Cash - I.D. Required. Lunch Stand.

PUBLIC AUCTION
OF REAL ESTATE, HOUSEHOLD GOODS, MACHINIST TOOLS & EQUIPMENT
SATURDAY, JUNE 2nd
@ 9:00 A.M.
Real Estate @ 11:00 A.M.
Located along Rt. 345; from Elverson go east on Rt. 23 to Rt. 345, turn right & cross Rt. 401 to property on right.

REAL ESTATE consists of rancher w/kit; DR; LR; 3 BR's; 1½ baths; full basement; elect. heat; 2 car garage & lg. cement patio; all rms. have ceiling fans; kit. has built in microwave. 2 sty. block barn w/lg. overhead doors; all situated on 3¼ acres.

TERMS: 10% day of sale; settlement on or before Aug. 2, 1990.

HOUSEHOLD GOODS: 3 pc. LR suite (like new); recliner; end table w/marble top; several stereo sets & speakers; pine roll top desk; sleeper sofa; 5 pc. BR suite; bentwood rocker; Singer sewing mach.; sm. corner cupboard; linen chest; shelf units; cast iron Franklin type stove; picnic table; record cabinet; misc. dishes; appliances; utensils; glassware; etc.

EQUIPMENT & TOOLS: Farmall 140 tractor w/cultivator & disc; 800 Ford Tractor; old road roller for parts; pick-up caps; alum. water troughs; 2.5 liter 4 cylinder GM engine; Razine elec. hack saw; 85,000 Aeroil space heater; 5 HP Honda mtr.; 35-230 AC amp welder; revolving file cabinet; anvil; blower; 25 Hp Wisconsin eng. w/power drive unit; 3½ HP Craftsman push mower; bench vise; all kinds of water pumps, elec. motors & generators; shop table; 8" ¾ HP Baldor Grinder w/ pedestal; heated cabinet; 4500 Watt generator w/10 HP Briggs & Stratton eng.; 16" swing, S. Bend lathe w/8' bed; shop desk; sm. drill press; Brown & Sharp Metric tools; tool sharpener; optional edger; metal analyzer; 80 gal. tank, 2 cylinder Champion air comp.; Wichita compost processor; chain hoist; grind wheels; hyd. hoses; grinders; V-belts; spot welder; lots of wood tools; belt sander; 18" scroll saw; ice skate sharpener; Mortis mitre cutter; 5 hp. Walker Turner radial arm saw; wood working bench; 8" jointer planer, 5' bed; 10" Craftsman table saw; 4' wood lathe w/tooling; Craftsman Mitre box on table; Hanmons belt grinder; industrial shop vac.; 2 ton come-a-long; 4' planer blades; all kinds of bins, drawers & cabinets; hyd. cylinders; plumbing parts; lots & lots of nuts, bolts & screws; lots of black walnut, cherry, mahogany & other asst. lumber used in wood working shop. This is only a partial list. Anything used in woodworking shop; machinist shop or mechanic shop can be found here. Come early! Household goods to be sold after real estate @ 11 AM.

Terms By: Estate Of
CHARLES MORRIS
Dennis Morris, Executor
Mark C. Hanamirian, Esq.
Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

EXCELLENT

ANTIQUE AUCTION

23RD ANNUAL MEMORIAL DAY AUCTION

TOP QUALITY FURNITURE, GLASSWARE, QUILTS, DECORATED STONEWARE

MONDAY, MAY 28, 1990

9:30 a.m.

Located at Warehouse, 2 miles on Rt. 267 N. of Meshoppen, Pa. Off Rt. 6, Susquehanna Co.

Large selection of walnut, oak cherry and tiger maple, mahogany, pine furniture includes 3 pc. BR suites, wal. secretary, Hoosier cabinet, corner cupboard, stack bookcase, cherry dropleaf tables, claw ft. table, music box, postcard albums, 40 pcs. decorated stoneware, dated coverlets & quilts, double student & oil lamps, lg. collection of art glass, Chandler, Nutting, parrish prints, plus much more. Call for brochure!!

Terms: Cash

Lunch Tents

Shamrock Auction Service
Auctioneer: Jerry Burke AU116
1-717-833-5913

PUBLIC AUCTION

ANTIQUES - HORSE HARNESS - FARM HARDWARE - HOUSEHOLD GOODS - ETC.

SATURDAY, MAY 26, 1990

8:00 A.M.

LOCATED: 7 mile west of Dover, PA on Davidsburg Road. Go 7 mile off Rt. 74 to Bermudian Church Road, Turn Left to 1st farm on right, 1½ mile or from East Berlin North on 194, Turn right on Bermudian Church Rd., ½ mile to farm on left. Watch for Signs.

Quilting Frame, Cast Base Floor Lamp, 30's Bedroom Suite, Cedar Wardrobe, 3 Blanket Chests, 30's Dining Room Suite, Clothes Tree, 8 Leg Octogan Table, End Stands, Beds, Dressers, Magazine Stand, Table & Floor Lamps, Living Room Furniture, Floor Model Sylvania Colored TV, Old Quilts, Quilt Patches & Material, Blankets, Electric Sewing Machine, Picture Frames, Rugs, Rockers, Writing Desk, Graduated Sleigh Bells, Sellers Kitchen Cabinet w/Flour Bin, Many Utility Cabinets of Different Sizes & Shapes, Flag Glasses, Depression Glass, Pfaltzgraff Dishes, Pots & Pans, Cooking Utensils, Canning Jars, 8 Horse Team & Wagon, Brass Horses, Comb Case w/Mirror, Costume Jewelry, Pressed Glass, Pickle & Celery Dishes, Creamers & Sugars, Sewing Supplies & Etc. This is a very small listing of what we will be selling.

Single & Double Trees, Horse Collars, Bridles, Harness, Bits, Halters, Hames, Double & Single Lines Etc., Snaps, Express Wagon (Radio Flyer), Wooden Wheelbarrows, Tonka Truck, Horse Collection, Hand (Well) Pump), Wooden Rakes, 2 & 3 Prong Forks, Blacksmith Forge, Wooden Pulleys, Bag Truck, Shovels, Plows & Cult., Egg Baskets, Saws, Squares, Block & Fall, Garden Tools, #7 2 Hole Corn Sheller, Apple Peeler, Chain, Hardware, Bolts, Screws, Hog Scrapers, Wooden Tubs, Whips, Copper Wash Boiler, Meat Cleaver, Rabbit Wire, Wooden Cupboards, Wooden Egg Crates, Old Locks, Kettle Furnace.

Hahn Rototiller, Cub Cadet 102 w/Mower, Wheel Horse 800 w/Mower & Snow Plow, Honda 70 Trail Bike, Bicycle & Parts, Maytag Square Tub Washer, Round Bale Feeders, Gehl 72 Flail Chopper for Parts, Int. 550 2 Row Harvester, Farm Gates- Metal & Wood, Fence Post, & Etc.

NOTE: This is a very small listing of the items we have to sell. We will be selling with 2 Auctioneers all day.

TERMS: CASH OR GOOD CHECK

MR. & MRS. GERALD STERMER
292-2245

AUCTIONEER: BLAINE & NEVIN RENTZEL
EMIGSVILLE, PA.
764-6412
PA LIC. #761 & #2483

REAL ESTATE AUCTION

Sat., June 16

Auction starts at 10,
Real Estate offered at 1 PM

Subject to owners confirmation. William Jessup home on Copp Hollow Road - 3 miles from Rte. 15 in Covington, (Tioga Co.), PA. (Just south of Mansfield).

Home is a 24x50 3 bedroom ranch with enclosed breezeway and 2 car garage with full basement situated on a beautifully manicured rural 1.5 acres with young apple orchard. Open house inspection of real estate on Sunday, May 27 from 2 pm to 5 pm or other times by appointment with the auctioneer. Watch for listing of valuable household and antique car to be sold same day.

Terms on real estate: 10% down at close of bidding, balance at closing within 30 days.

Owner:
MR. WILLIAM JESSUP

Professional Auction Management and Appraisals by

RANDY JELLIFF AUCTION SERVICE

Tioga, Pa. AU-1548-L
717-835-4214

"A Jelliff Auction is an action auction!"

OLSEN FARM AUCTION

THURSDAY EVENING, MAY 24

AT 6:00 P.M.

— GENEVA, N.Y. —

Auction will be held at the Olsen farm, 4381 Slate Rock Rd., 3 miles Southwest of Geneva. From Rt. 5 & 20 on the West side of Geneva by Ponderosa take Premption Rd. (County Road 6) South 2 miles and turn East on Lake to Lake Rd. ¼ mile then North on Slate Rock.

Mr. Olsen is retiring from farming and sells this complete line of working equipment: IH 1086 tractor w/cab & duals; IH 966 hydro w/duals; (2) JD 520 tractors (1 needs repair); Farmall 400 w/loader; Farmall C; JD B; 1938 JD B (bought new by the Olsen's and still nice); Bidwell 38 bean combine; IH 403 combine w/2 heads; 1960 IH 10 wh. grain truck; 56 Ford farm truck; 1963 IH 1600 w/14' body & hoist; JD 224T baler w/thrower; 4 basket wagons (2 real nice 10x16); NH rake; JD 16A flail chopper; JD 34 chopper w/2 heads; (2) 24' bale conveyors; IH 210 windrower; JD side mount mower; IH 510 21x7 drill; IH 56 6 row planter; IH 4 row 55 w/185 row units; crop sprayer; 12 & 16' drags; 12' disc; JD 4B plow; 18' wing disc; IH 720 5x18 O.L. plow; clod buster; 18' IH vibrashank; smooth roller w/ transport; Brillion double packer; 4 row frt. mtd. cultivator; IH 133 6 row cultivator w/squeeze pump; 8"x41' grain auger; alum. elevator; gravity wagon; Mulkee elevator; forage wagons; Gehl blower & pipe; Butler 4000 bu. grain bin w/floor, fan & auger (good cond.); Shaver post driver; several steel gates; Jamesway 400 gal. bulk tank w/comp.; Surge units; Patz gutter cleaner w/150' chain; stock water tanks; some nice cherry plank, walnut boards; (5) 2x10x22 float plank; 3 farrowing crates; buzz saw; mineral feeder; hog feeders; round bale feeders; 2 good manure spreaders; 80 locust posts; fanning mill; 800 gal. water tank; 5' rotary mower and other items too numerous to mention.

TERMS: Full settlement night of auction. Cash or good check.

OWNERS:
MR. & MRS. EXTON OLSEN

ROY TEITSWORTH, INC.
SALES MANAGER & AUCTIONEER
6502 BARBER HILL RD., GENESEO, N.Y. 14454
716-243-1563

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS
GROVELAND P O GENESEO N Y 14454
TEL 716 243 1563

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

REAL ESTATE AUCTION

4± ACRE PRIME BUILDING LOT
Revolutionary Drive & Rt. 926
Birmingham Township
CHESTER COUNTY, PA
Between West Chester & Dilworthtown

A choice location with open gently sloping land.
*APPROVED IN-GROUND SEWAGE SYSTEM
* R-A ZONING * UNIONVILLE-CHADDS FORD SCHOOL DISTRICT.

Auction: WEDNESDAY, JUNE 6, at 7 PM

Preview: Wednesday, May 30 from 6-7 PM

TERMS: 15% Deposit, 60 Day Settlement, Subject to Confirmation, Broker Part. Invited.

KENNETH A. GEYER AUCTION Co. Inc.
SUITE 102 • 661 WEST GERMANTOWN PIKE
PLYMOUTH MEETING, PA 19462 • LIC AU 332L
(215) 834-1854 FAX 834-1754

2 DAY AUCTION

FRED W. McCLURE ESTATE
REAL ESTATE, FARM MACHINERY,
EXCELLENT ANTIQUES

This farm has been in the family since 1847 with many original 1800 pieces.

FRI., MAY 25, 1990

12 Noon

SAT., MAY 26 - 9:30 A.M.

Located 6 miles North of Troy, Pa. Rt. 14 North. Bradford Co. Turn at Longeneckers then 1 mile on Coryland Rd.

REAL ESTATE: 73 (+ -) acres more less w/approx. 50 tillable & 23 wooded, sm. stream and road through property. REA elec. over property and telephone cable. In clean & green, marked trees sold & to be removed from property by Dec. 31, 1990 according to Forest Management. Beautiful location for home or summer cabin on hill top. (Hunting and fishing).

INSPECTION: Sun., May 20 - 2 to 4 & Tues., May 22 - 3 to 5 p.m.

TERMS: $5,000 down at conclusion of bidding, balance on delivery of deed within 45 days. Any other terms or conditions announced sale day.

***** REAL ESTATE OFFERED MAY 25, 1990 - 12 NOON*****

FARM EQUIPMENT - FRIDAY, MAY 25 AFTER REAL ESTATE: Oliver 66 w/ trailer mower & cultivators, Oliver 2 bottom 14" plows, Oliver 2 sec harrows, Oliver 2 row cultivator, Ontario grain drill, 12x30 used Hemlock silo down.

HORSE DRAWN EQUIPMENT: 3 buggies - Elite Phaeton top buggy w/fenders-excellent shape- bought new-top of line; open buggy, platform buggy, wooden wagon & seat, bob sleds, hay wagon, JD mod B mower, JD sulky plows, JD single plow, NI side delivery rake, NI ground driven manure spreader, 8' roller, JD dump rake, good pr. double work horse harnesses, single harness, collars, fly nets, fanning mill, milk cans, milk cooler, ice tongs, platform scales, sev. hand tools, 50 ft. belt, buzz saw, hay rope, 32' ladder, lg. qty. sm. items.

SAT., MAY 26, 1990 -

9:30 A.M.

Complete house full of furniture and glassware, 4 BR suites, walnut, oak, and painted cottage, walnut cyc. secretary, walnut Victorian settee, cherry and oak tables, spinning and flax wheels, Edison cyc. phonograph, Ansonia and other clocks, quilts.

This is a complete estate with nothing removed. It is the same furniture put in when they built the home in the 1800's. Looks like a museum. ** For a complete list, please call.

Local Motels: Troy Motel 717-297-2145; Williamston Inn 717-265-8882; Towanda Motel 717-265-2178.

TERMS: Cash

Exec.: Paul & Philip McClure
Atty: Evan Williams
Shamrock Auction Service
Auctioneer: Jerry Burke AU116
1-717-833-5913

Lunch Tents

SAT. MAY 19 - 10AM, Construction Equip., Truck Tractor, Dump Truck, Boat, located Flemington, NY at Flemington Fairgrounds, Alex Lyon and Son, Sale Mgrs. and Auctioneers, Inc., Aucts.

SAT. MAY 19 - 10AM, Farm Machinery, Misc. and Some Antiques, Horse and Tack, HH, located at Downsville, MD, Mr. and Mrs. Vernon Trumpower, owners, C. Floyd Davis, Auct

SAT MAY 19 - 10:30AM, 3rd Annual Special Auction, Trucks, Trailer, Construction Equip., Farm Equip , located 12 mi. W. of Coatesville, PA and 10 mi E. of Lancaster on Rt. 30 at Vintage Sales Stables, Inc , Paradise, PA, Whiteford Sales Company, L. Robert Frame, Sr and Glenn S Frame, Aucts.

SAT MAY 19 - 10.30AM, Approx 50 Plus Vehicles-Ambulance, Cars, Trucks, Police Cars, Misc. Equip , etc., located behind Wilmington Airport, turn left at red light on US 13 at Hares Corner, then right on Churchman's Rd at New Castle Co Highway Maintenance Yard, New Castle Co., owners, Carroll's Sales Co., Inc , Aucts.

SAT MAY 19 - 10 30AM, '72 Int 1 Ton Dump, Tilt Trailer with winch, Frick OO Saw Mill, etc , located 940 Storage, Rt 940, 4 mi W of Blakeslee, 2 mi E of PA TP Exit 35 and Exit 42 I-80 Lake Harmony Exits, Paula Guenst, owner, W R Reiner, Auct

SAT MAY 19 - 11AM, Real Estate Village of Klingerstown, Western Schuylkill Co , PA, Martin K and Shirley I Pflieger, owners, Mike Deibert and Geo Deibert, Aucts

SAT MAY 19 - 11AM Repossessed Vehicles at Keystone Public Auto Exchange, Rt 22/322 between Dauphin and Clarks Ferry Bridge, Key ston Public Auto Exchange Aucts

SAT MAY 19 - 12Noon Union Co 75 Acre Farm and Farm Machinery, located take Rt 192 W from Lewsiburg, PA, approx 9 mi to Col Kelly Rd, approx. 2 mi to Miller Rd., approx 1¼ mi to sale, Estate of Mary M Miller, Wayne M Hess, Auct

MON MAY 21 - 9:30AM, Antiques, Collectibles, Old Auto Parts & HH Goods, located at 218 New St , Lititz, PA, Harry Richwine J , Dennis Richwine and Robert Halbleib Ext for Harry Richwine, Sr., Est.

MON MAY 21 - 3 30PM, Antiques, Collectibles, Hardware, at Brickerville Fire Hall, just off 322 approx 8 mi W of Ephrata, PA, Larry and Irene Beavens, owners, T Glenn Horst and Sons, Aucts.

TUES. MAY 22 - 10AM, Coffee Mugs, Furniture, Carpet, Appliances, etc., on premises at 1825 E Boston Ave , Phila., PA, Wm F. Comly and Son, Aucts.

TUES MAY 22 - 11AM Sharp! Annual Dairy Replacement Auction, located in Ulysses Boro, Potter Co , PA, Jerry Pirrung Sales and Pirrung Auctioneers, Inc., Aucts

TUES. MAY 22 - 1PM, House Lots fromLandisville & Harrisburg, plus additions, located in Farmersville, 3 mi. E. of Brownstown, Lanc Co., PA, Farmersville Auction, Larry Rutt, Auct

TUES MAY 22 - 7PM, Real Estate, located at 166 W Ronks Rd , East Lampeter Twp , Lanc , PA, turn S off Rt 340 at Bird-In-Hand Restaurant, Parke H and Harry H Ranck, Jr , owners, Robert E and Jeffrey R. Martin, Aucts

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES. MAY 22 - 7PM, Modern Brick Rancher, approx. 75'x200' Lot, located at 95 N. Kinzer Rd., Approx. 9 mi. E. of Lancaster, PA just off Rt. 30 E. near Vintage, Estate of Clyde Feister, Ron Funk and Gordon Ressler, Aucts.

TUES. MAY 22 - 7PM, 1841 Stone Colonial Manor House-Just Completed Historically Sensitive Restoration, Edge Lane, Thorndale, Caln Twp., Chester Co., PA, Kenneth A. Geyer Auction Co., Inc., Aucts.

WED. MAY 23, THURS. MAY 24 and FRI. MAY 25, Large 3 Day Sale of Farm Equip. at Marion, PA, Ralph W. Horst, Mgr.

WED. MAY 23 - 8AM, Equipment, Trucks, and Trailers, Reading, PA, Atco Construction Co., owners, Vilsmeier Auction, Aucts.

WED. MAY 23 - 10:30 Sharp! Clark Dispersal-92 Reg. & High Grade Holsteins, located off Rt. 328 in Millerton, PA, Sharlene Clark, owners, Gordon Wood, Sale Mgr.

THURS. MAY 24 - 5PM and SAT. MAY 26 - 10:30AM, Honeoye Trading Post-Woodworking Tools, Grocery Store Goods, Equip., HH Goods, Guns, Hunting Items, etc., 120 E. Main St (State Rt. 49), Knoxville, Tioga Co., PA, Estate of Garth R. Howell, Pirrung Auctioneers, Inc., Aucts.

THURS MAY 24 - 5PM, Personal Property, RD 2, Box 1C, Selinsgrove, PA, the late Charles F. Smith, Sr. and Charles F. Smith, Jr., owners, Kenneth E. Hassinger and Neil A. Courtney, Aucts.

THURS. MAY 24 - 6PM, Farm Equipment Auction, held at Olsen Farm 4381 Slate Rock Rd., 3 mi. SW of Geneva, from Rt. 5&20 on the W. side of Geneva by Ponderosa take Premption Rd., S. 2 mi. and turn E. on Lake to Lake Rd. ¼ mi. the N. on Slate Rock, Mr. and Mrs. Exton Olsen, owners, Roy Teitsworth, Inc., Aucts.

PUBLIC SALE

OF A FARMALL & 400 FARMALL TRACTORS, FARM EQUIPMENT - LONG CORN BIN - TOOLS — OLD CAR PARTS - ANTIQUES HOUSEHOLD GOODS - HUBLEY TOOLS

THUR., MAY 31, 1990

At 5:00 P.M.

Loc. 29 Indian Hill Road, Pequea Twp., Lancaster Co., PA (Dir.: Take Rt. 324 about 6 miles south of Lancaster & turn left onto Indian Hill Road. Between New Danville & Marticville)

Food Served

Sale by

MR. & MRS. WEAVER REITZ

(Weaver & Helen Reitz)

Howard Shaub (717) 464-3541

Auctioneer (AU-000831-L)

PUBLIC AUCTION

Thurs., May 24, 1990 - 5:00 PM

Selling personal property of the late Charles F. Smith, Sr. and Charles F. Smith, Jr., R.D. #2, Box 1C, Selinsgrove, PA 17870.

DIRECTIONS: From Selinsgrove, travel north on Rts 11 & 15. Turn right at the traffic light by Gary's Farm House Restaurant and continue approx. ¼ mile. Sale will be on the right. Signs will be posted.

- AUTOMOBILES -

1941 Plymouth Coupe, very nice; 1952 Nash, Statesman - 4 dr, real cream-puff, 12,000 orig. miles; 1939 Dodge Pickup, rebuilt motor, body needs work; 1988 Chevy Wagon, 8-passenger, loaded, 8,000 miles; 1979 4-Wheel Drive GMC Pickup with power-angle snow blade.

Kenneth E. Hassinger (717) 658-3536 AU-001532-L

Neil A. Courtney (717) 539-8791 AU-002651-L

LARGE PUBLIC AUCTION

SATURDAY, MAY 26, 1990

TIME: 8:30 A.M.

Located Perry Co., RD Ickesburg, Pa 2.5 miles east of Ickesburg on Rt. 17, or 9 miles west of Millerstown on Rt. 17. Watch for signs.

GUNS - AMMO - FISHING & CAMPING EQUIPMENT

Win. mod. 70 300 mag; Win. 42, 410 ga. 3" S/N 101708 (rare); Win. 94, 30 30; Win. 1200, 12 gal. 2¼ ; Rem. 572 Field Master, 22 pump; Rem. 700, 7 mm mag. (new); Rem. Woodmaster 742, 308 (semi-can't be used for hunting in Pa.); Rem. 14, 30 cal. pump; Rem. 14, 32 cal. pump; Fox Sterlingworth 12 ga. dbl., U.S. Springfield 1898, 30-40 Krag; Savage 99, 300 w/brass rotor, Savage 242 Series C, 410 ga. over/under, 3"; Marin 5510 Super Goose 10 ga.; CVA mountain rifle, 50 cal. black powder; Japanese 7.5 rifle; Auto-Ordnance Corp. 9 mm (auto).; Auto-Ordnance Corp. 45 cal. (auto); S&W 38 cal. 4" chrome barrel; Charter Arms 357 Target Bulldog 357 mag., 4" Barrel; Raven P2b, 25 cal. (auto) Ruger "Super Black Hawk" 44 mag., stainless 7½ " barrel; Ruger "Black Hawk" 41 mag., single action w/Phantom 2.5 scope; H&R 688 .22 cal. w/extra 22 mag. cyl. (new); Rosi Youth 22 SLR pump; Daisey BB 240, 177 cal. pump; Daisey 188 pistol; Crossman Medalist pump pistol mod. 1322, 22 cal.; various ammo to fit the guns listed; elec. trolley motor; Call of The Wild predator record player & speakers; game tapes & records; pistol holsters; Lee loaders (rifle-various calibers); Selsi spotter scope, 10x50 w/ tripod; Walkie Talkie set; hunting clothes & accessories; gun carrier cases; hunting licenses, '34, '35, two '36, '37 special issue, two '38, '39, four '40, four '41, through 1989; over 50 doe licenses of various counties; rods, reels, and other fishing equipment; Coleman heater; camp stove; lanterns; propane light; sleeping bag (down-filled); 6 canvas cots; hammock (new); plastic boat gas tank; small elec. camper refrigerator; coolers.

FURNITURE - APPLIANCES - SPA

Child's oak roll-top desk w/chair (nice); early dovetailed blanket chest; oak chest of drawers; cedar chests; wooden wardrobes (one 7' high); dinette set w/benches; corner table; other chest of drawers; dressers; single & double beds; couch & armchair; modern roll-top desk; dining table w/4 cane-back chairs; 2 oval dining tables; pine dry sink (modern); modern arrow-back rocker; maple spindle-back rocker; bentwood rocker; director chairs; coffee and end tables; bookcase & shelving; various side chairs; Sylvania 25" TV; G.E. 25" TV; 2 Lazy Boy recliners; 15 cu. ft. Kenmore upright freezer; Hotpoint apartment-size washer; sewing machine w/cabinet; twin and full size mattresses & box springs; Baker hydro whirlpool spa, 3-seater.

AUTOS - TRACTOR - 4 WHEELER STORAGE SHED - WOOD SPLITTER

1965 Stingray Corvette, 327 cu. in. 250 h.p. high performance, 4 sp., 68,600 miles; **1989 Ford Supercab XLT Lariat 4x4** truck w/matching cab (loaded), PS, PB, AT, AM/FM radio, captain chairs, slide window, bed liner 18,000; **1989 Toyota short bed truck.** 4 sp. bed liner, 18,000 black; **Ferguson 30 tractor** w/3 pt. hitch; **Woodsplitter** (new) w/18 h.p. twin cylinder Kohler mag. eng., elec. start, 5" cyl.; **Suzuki quad runner** 300 4-wheeler, 1989 **w/no mileage** (new); **1963 Willy's jeep** w/plow (not inspected); 1972 Dodge Club Cab truck (runs, not inspected), V8 318 cu. in.; pop up camper (sleeping only); 16' flatbed trailer w/ramps; **Fisher 12'x20' storage** shed; implements to tractor; 7' snow blade, 7' rear blade, and Woodsman saw buck (adapts to 3 pt. hitch & PTO), to be sold only if tractor sells.

COLLECTABLES - HOUSEHOLD - MISCELLANEOUS TOOLS - TOYS

Civil War cannon (original wheels & frame w/imitation barrel); marbles; cookbooks; Boy Scout items; 3 cast iron dinner bells; cast iron cookware; crocks/jug; over 1,000 baseball cards; wooden milk bottles; star pattern handmade quilt; Pa. license plates, 1950-58; early Pa. Game News; Avon; 12 silver dollars; 2 Penn Harris spoons; 2 washboards; 2 man saw; Penn State lion yard ornaments; many concrete & wooden yard ornaments; meat hooks; kerosene heaters; gas grill; porch swing; card tables; 2 iron wagon wheels; standard truck tool box; 3 h.p. Briggs engine; PTO coupling; tractor chains; many sheets of 4x8' plywood; 4 push lawn mowers; metal filing cabinet (4 drawers); metal shelving units; fans; telephones; elec. blankets; spreads; blankets; bathroom sets; lawn chairs; small appliances; table & floor lamps; Kirby vacuum cleaner & commercial cleaning supplies; rolls of plastic; rolls of wire (641'/roll); 4 fire extinguishers; **tires (new),** 13, 14, 15", Royal elec. typewriter; Christmas items; comic books; 6 ft. stepladder; Skil 10" band saw w/stand; impact gun; wrenches; acetylene/oxygen set w/paper; Craftsman 2 h.p. circular saw; tool box; 4" vise; digging iron; forks; shovels; brooms; various small tools; canvas covers; ¼ " plastic pipe coils; log chains; various sizes of rope; Capri elec. guitar; two 110 volt air conditioners; metal cabinet; pump w/gas eng.; manufactured by Lancaster Pump Mfg.; new display case; toys to include a "Gotcha" paint gun; small & large bikes; tricycles; scooter; wagons; games.

Special Notes: Corvette, both 1989 trucks, tractor, Suzuki 4x4, woodsplitter and spa to be sold with a **low reserve.** Come early and plan for a long day. There's something for everyone. Much of the merchandise is new or like new.

Order of Auction: Start with household & miscellaneous until 12:00 noon, followed by automobiles, furniture, guns and ammo, approx. 1:00 p.m. after guns, return to any items remaining.

Terms: Cash, approved Pa. check, travelers check or bank letter of credit - which is dated, notarized, original, made payable to Harry L. Hawk.

Auctioneer's note: Auction to be held under tent if raining. Owners are not responsible for any accidents.

HARRY & GINNY HAWK, Owners

Food stand reserved

Phone 582-8565 or 245-2727

Fahnestock's
Auction Service
Nevin Fahnestock, Auctioneer AU-2333-L

PUBLIC AUCTION

TUESDAY JUNE 5, 1990

10:00 A.M.

TRACTORS COMBINE FARM MACHINERY GRAIN BIN SKID STEER HOUSEHOLD GOODS

LOCATION: 18 Hanshue Road, Hummelstown, S. Hanover Twp., Dauphin Co., Pa. From north side of Hershey Park - west on Rt. 39 1.9 miles - right on Hanshue Rd. - I81 Exit 27-Rt. 39 east to Rt. 22 - continue on Rt. 39 2.7 miles to Hanshue Rd. - left to first farm.

TRACTORS INTERNATIONAL 3088 wide front diesel - 1190 hrs. - 18.4x38 rubber dual outlets - 540/1000 pto (real clean). FORD 800 gas utility.

COMBINE INTERNATIONAL 715 hydrostatic diesel - cab - heads sold separately INT. 820 13' flex grain head. INT. 843 narrow 4 row head.,

SKID STEER FORD CL-40 gas V4 with manure and materials buckets - 1520 hrs.

FARM MACHINERY

TILLAGE & PLANTING INT. 3 pt. #45 vibra shank w/Midwest harrow; INT. #550 semi-mtd. 5x16 plow; FORD 40 disc. transport harrow; BRILLION SS1201 seeder/cultipacker; IH #56 4 row narrow corn planter w/dry fertilizer & insecticide; (2) 3 pt. 2x14 plows; FORD 3 pt. 2 row cultivator; ONTARIO rubber tire grain drill.

HARVESTING NEW HOLLAND 848 round baler; NH 478 mower conditioner; NH 254 hay tedder/rake (2 seasons); 8"x50' transport pto auger; (3) gravity wagons; wooden side hay wagon; FORD 3 pt. sickle bar mower; 3 pt. 5' rotary mower; FORD 7' rotary mower (needs repairs.)

MISC. MACHINERY (2) 2 wheel trailers; MARTIN tandem axle rear discharge manure spreader; NEW IDEA 218 tandem axle manure spreader w/hyd. tailgate; hyd. log splitter; Sauder loader; Sauders front blade; CUB CADET 126 tractor w/mower; cement mixer w/elec. motor; 1969 FORD 350 truck w/Brown cargo box; 3 pt. wood saw.

FARM RELATED ITEMS standby generator w/Jeep motor (as is); acetylene outfit; hyd cylinders; Lincoln welder; 3 pt. bale spear; hyd. center link; pilot skid jack; 100# platform scale; elec. motors; log chains; fence posts; plastic egg cartons; (2) platform scales; lots of asst. lumber; (30) 40' trusses (as is); scrap iron; wooden ext. ladder; Vent-O-Matic fan; round bale twine; chicken crates; concrete blocks & bricks; gas peep brooders; gas engine water pump; pick up truck tool box; asst. mechanics tools; hardware; repair items; 72 hole bolt bin w/hardware; Ford pulley; Hardy orchard sprayer; hand carts; 100+ round bales and many other unlisted items.

- TO BE REMOVED -

MFS 5000 bushel grain bin w/stirrers and 3 ph. gas dryer; 500 gal. undergound diesel fuel tank w/elec. pump; approx. 16'x44' galv. sheeting lean to shed; app. 350' of 8 strand hi tensile fence.

HOUSEHOLD GOODS

(2) GE chest freezers; GE 20 cu. ft. refrigerator; Caloric self cleaning elec. range; 25" color console TV; Waterfall bed - complete; double dresser; rocking chair; Yamaha double keyboard elec. organ; HD Magic Chef almond gas dryer (2 yrs. old); 4 drawer file; large office desk; wall cabinet; lawn furniture; Singer sewing machine in cabinet; kerosene & coal heatrolas; pot belly stove; old ext. table; kitchen chairs; double sided shelving; asst. small items; sewing material. AUTOMOBILE - 1977 Chrysler New Yorker - loaded - high mileage.

AUCTION TIMES: 10:00 shed & wagon items, 12:00 farm machinery - Household approx. 2:30.

Auction by

GEORGE & MARY HUBLER

(717) 566-6100

HARRY H. BACHMAN - Auctioneer

AU-000033-L (717) 867-1809

Terms: Cash or approved check - be sure - bring bank letter - NO out of state checks.

Food available - Loader tractor auciton day - Toilet facilities

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI. MAY 25, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. MAY 25 - 10AM and SAT. MAY 26 - 9AM, Antiques, HH Goods, 1,000 lb. Iron Safe, Brass, Iron, Tin, Wooden Articles, Guns, Pistols, etc., located 5028 Newport Rd., Kinzer, Salisbury Twp., Lanc. Co., PA, Mr. and Mrs. George F. Kramer, owners, Howard Shaub, Auct.

FRI. MAY 25 - 11:30AM, 69 Great Cattle, Machinery, located Walling Rd., use Rt. #88 to Martin Hill Rd. Exit, which is 13 mi. E. of Binghamton, cross Rt. 7 to Walling Rd., go 1½ mi. to farm, Harold and Janice Andrews, Mel Masasse, Sale Mgrs., Aucts.

FRI. MAY 25 - 12Noon, SAT. MAY 26 - 9:30AM, RE, Farm Machinery, Excellent Antiques, located 6 mi. N. of Troy, PA, Rt. 14 N., turn at Longeneckers then 1 mi. on Coryland Rd., Fred W. McClure Est., Shamrock Auction Serivce, Jerry Burke, Auct.

FRI. MAY 25 - 5:30PM, SAT. MAY 26 - 9:30AM and SAT. JUNE 2 - 9:30AM, Truck, Power Tools & Equipment, Lumber, Tools Both Modern and Antique, at the Port Royal Fair Grounds, Juniata Co., PA, Merrill W. Vamer Estate, Long's Auction Service, Aucts.

FRI. MAY 25 - 7PM, Star Search Sale, Volume III-50 Selected Lots, 8 Service-Age Bulls, 42 Females with Calves at side, Gravel Hill Rd., Woodsboro, MD, Mar Lee Angus, Lee E. Miller, D.V.M., owner, American Angus Hall of Fame.

FRI. MAY 25 - 7:45PM, Registered and Grade Holsteins, at Raymond E. Anthony Dairy Sales located SW of Meadville, PA, Sale Managed by Raymond E. Anthony Dairy Sales.

SAT. MAY 26 - 8AM, Antiques, Horse Harness, Farm Hardware, HH Goods, Etc., located 7 mi. W. of Dover, PA on Davidsburg Rd., go 7 mi. off Rt. 74 to Bermudian Church Rd., turn left to 1st farm on right, 1½ mi., Mr. and Mrs. Gerald Stermer, owners, Blaine and Nevin Rentzel, Aucts.

SAT. MAY 26 - Tack 8AM, Haflingers Sell-11AM, All Age Haflinger Auction, located Coshocton Co. Fairgrounds, Coshocton, OH, by The Haflinger Registry of North America, Steve Andrews, Jake Schlabach, Leroy Yoder and Andrew Miller, Aucts.

SAT.MAY 26 - 8:30AM, Guns, Ammo, Fishing and Camping Equip., Furniture, Appliances, etc., located 2.5 mi. E. of Ickesburg on Rt. 17 or 9 mi. W. of Millerstown on Rt. 17, Harry and Ginny Hawk, owners, Fahnestock Auction Service, Aucts.

SAT. MAY 26 - 9AM Sharp, 1 Story, 3 bdr. Home, RD 1, McClure, PA, Celia Yeater Estate, Kenneth Hassinger and Neil Courtney, Aucts.

SAT. MAY 26 - 9AM, Farm Equip., Vehicles, Classic Cars, Antiques, Old Toys, Furniture, Glassware and Collectibles, located Ironstone Dr., 2 mi. W. of Boyertown, off Rt. 73, James Knight, owner, John H. Glenn, Auct.

SAT MAY 26 - 9AM, HH Items, Some Antiques, Large Appliances, 2 Kalamazoo Ranges, Oak Furniture, Braided Rugs, Dishes, Crocks, other items, located in Huntingdon Co., 10 mi. S. of Huntingdon, PA, off Rt. 26 W. 1 mi., Mildred G. Moyer, owner, Dale Gibboney, Auct

SAT. MAY 26 - 9:30AM, Antiques, located in Hublersburg, PA, off Rt. 64, Emma Porter, owner, Ronald J. Gilligan, Auct.

SAT. MAY 26 - 10AM, HH Goods, Quilts, Collectibles, Furniture, Hand Tools, Tractors, Farm Machinery, located Little Indian Run Farm, approx. 12 mi. S. of Galeton, Potter Co., PA, Little Indian Run Farm, owners, Scott Younkin and Assocs., Aucts.

SAT. MAY 26 - 10AM, Horse Drawn Vehicles, Farm Items, Building Materials, HH, Antiques, located at the Campgrounds on County Road 40, off Rt. 225, 5 mi. S. of Corning, NY, on the east eand of Corning off of Rt. 17 Expressway, turn S. on Rt. 225 and follow arrows, James and Joyce Riesbeck, owners, Howard W. Visscher, Auct.

REAL ESTATE AUCTION
56 AC. MARYLAND HORSE FARM
A Showcase Property & Location!

EAST NOBLES MILL ROAD, DARLINGTON, HARFORD COUNTY
Min. to I95 & 89, US Rt. 1 & all Tracks

Whippoorwill Hill Farm combines the ultimate in equine capabilities with luxurious living. 2 sty. brick RESIDENCE, 4000 SF, 5 BR, 3 baths, outside amenities, NEW EQUINE COMPLEX, 2 stables, 20 stalls, 10 paddocks, & ½ mile track. Idyllic secluded setting.

DIRECTIONS: From I-95 exit 89; W. on Rt. 155 to N. on Rt. 161 & L. on Trappe Church Rd., 2 mi. to L on Nobles Mill Rd. & site on L.

AUCTION:
SATURDAY, JUNE 16 AT 2 PM
INSPECTION:
Sunday, June 10 from 2 to 4 PM or by appt.
15% Deposit * Subject to Confirmation
In Cooperation with
RIGDON AUCTIONEERS/BROKERS
(301) 836-2787 Forest Hill, MD
For Info/Brochure Call

KENNETH A. GEYER AUCTION Co. Inc.
(215) 834-1854 • FAX 834-1754

PUBLIC AUCTION

The personal property of Wilson (Mike) Bishop of R.D. #2, Landisburg, Pa. will be offered for public sale May 26, 10:00 a.m. Route 322 to Newport Exit, go to New Bloomfield, stop sign at Green Park, turn south on Rt. 233 to Landisburg, turn right 4 miles on the right. WATCH FOR SIGNS. 789-3024.

EQUIPMENT AND ASSORTED ITEMS

450 Case dozer, 2 tractors (John Deere A and an Oliver 60), Speedex lawn tractor (16 hp. with 42 in. mowerdeck and snowblade), 2 bottom plow, wood wagon, 275 gal. oil barrel on wheels, 2 row potato planter, dirt bucket, 3 point hitch 3 section harrow, 7 ft. snow blade, ladder rack for short bed pickup, set of forks for 3 point lift, pump jacks, large asst. of steel cable (5/16" - ¾ " dia.), C-section V belt, roll cage for Jeep, tree duster, 900-20 truck tires, sawdust blower, chain binders, garage door rollers, pillar block bearings, 3/8" in. air hose and hydraulic hose, choker cable and slides, gear reduction unit, hydraulic cylinders, hydraulic pumps, trailer axles, Stone cement mixer, bull floats, metal scaffold bucks (8 sections), masonry tools, anchor bolts, large asst. of PVC pipe fittings, 5 gal. Army gas cans, lead pot, 2 generators (Sears and Black & Decker 3,500 watts), large asst. of flat belts, 56, 52, 36 in. head saws, triplex wire, flat and V pullies, sawdust drag chain, O Frick complete saw mill, O Frick carriage with no iron, Kaiser saw mill (good for parts), log forks with bail forks with mask off of lift truck, 1,000 gallon fuel tank, 250 gal fuel tank with pump, set of wheels for lumber cart and track, 3 dogs, 3 racks for Frick mill, hydraulic bumper jack, 30 in. single head planer, 12 ton press, 10 in. radial arm saw, 4 in. jointer, router, 3 in. belt sander, 14 in. bandsaw and 3 rolls bands, Skil hammerdrill, 7¼ " circular saw, Skil 8" worm-drive saw, drywall tools, saw blades, roofing hammers, roof jacks, door locks, electrical supplies, 2-5 speed transmissions (1 Ford, 1 Chevy), zol saw, dinner bell.

SPORTING GOODS

14 ft. aluminum boat, small electric outboard trolling motor, deep sea rods, nets, fly rod, Coleman heater, lanterns, 2 Bear bows 46-48 lbs., arrows (hunting & target), hunting coat and vest, fishing vest, tackle box, and asst. tackle, fishing basket, mounted Albino squirrel.

MISCELLANEOUS

3 butcher kettles and spiders, scrappers, snout hooks, 2 floating pool chairs, oak case floor model TV, 20+30 lb. gas bottles, 9x12 braided rug, odd and ends of household items.

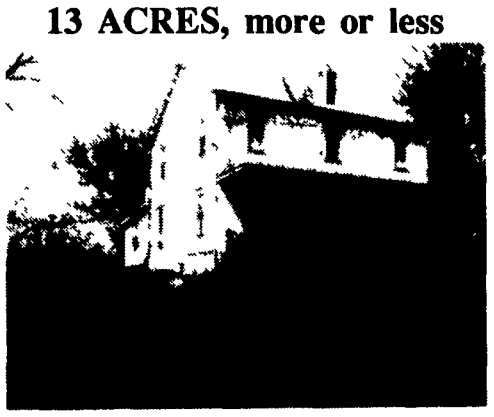
TERMS: CASH OR CHECK. BIDDING BY NUMBER (ID REQUIRED)
Lunch stand available
Auctioneer: Donald Martz, Sr.
AUoc1911-L
Pennsylvania Licensed & Bonded Auctioneer
718 South Grand Street
Lewistown, Pennsylvania 17044
248-6622
Owners & Auctioneers Not Responsible For Accidents

PUBLIC AUCTION

SAT., JUNE 30 at 10:00 AM
MAHANTONGO VALLEY FARM

Midway between Klingerstown & Pitman in the Village of HEPLER, Upper Mahantongo Twp., Schuylkill County, PA; 2 miles west of Rt. 125, turn West at Jack's Spot Cafe (watch for auction sign at Rothermel's Funeral Home along the Klingerstown to Pitman Road).

13 ACRES, more or less



4-BEDROOM DWELLING,
Oil Hot Water Heat, Bath

65 Ft. x 128 Ft.
HYDROPONIC GREENHOUSE
Dual Heating System

40 Ft. x 100 Ft. Block Shed w/14' Doors
Part used as Shop Area has Oil Hot Air Heat

FOR INSPECTION CALL: 717-648-8021 or 717-425-2729 after 5 PM or weekends.
After inspection,
ARRANGE YOUR FINANCING, BE PREPARED TO BID & BUY AT THE AUCTION!

Also Selling TOOLS & EQUIPMENT including: Int. Continuous-Flow Grain Dryer; Rockford Drill Press w/Reversible Motor; Air Compressors; Lincoln 225 Welder; Craftsman 9-Drawer Tool Cabinet on Wheels; FULL LINE HAND TOOLS & WRENCHES; some Auto Mechanic Specialty Tools; Hydraulic Jacks up to 20 Ton; Chain Hoist & Carriage; Acetylene Tank, Cart & Torch; STAINLESS STEEL GAS FIRED COMMERCIAL COOKER by VULCAN HART MFG CO., good condition; Hobart Digital Scale 25 lb. capacity; Fairbank Morse Collapsible Platform Scale 300 lb. capacity; 10,000 KW Generator w/4-cyl. Willys Engine; John Deere 318 Hydrostatic Lawn Tractor w/50" Deck; 3-Pt. 6' Disk; 200CC LAMBRETTA MOTOR SCOOTER; (3) Polaris Snowmobiles; Dual Trailer; HOUSEHOLD FURNISHINGS including: Color TV; Automatic Washer & Dryer; Living Room & Bedroom Furniture; Gas Grill; (2) Picnic Tables; Floor Safe; File Cabinet; etc.

CHRISTINA M. MASSER, Owner
Rob Martin, Esq.
Carpenter, Diehl & Kivko

JAMES M. MASSER, Owner
Edward M. Brennan, Esq.
Pfeiffer, Brown & Brennan

Mike Deibert, Auctioneer AU1599-L
(717) 425-3313

George Deibert, Realtor & Auctioneer
AU209-L

DEIBERT MIKE AUCTIONEER AU 001599 L (717) 425 3313
GEORGE REALTOR & AUCTIONEER AU 000209 L

REAL ESTATE AUCTION
6 Ac. Gentleman's Estate
CUSTOM HOME, STABLE & RING
322 Boot Rd., Malvern
WILLISTOWN TWP., CHESTER COUNTY

Close-In Private Exclusive Location!
Brick Rancher, 9970 SF, 12 y.o., 5 BR, 6½ Baths, Pool, 6 Stall Stable w/Riding Ring, & 2nd Flr. 1 BR Apartment

Directions: From Rt. 30 Paoli; W. on Paoli Pk. to L. on Sugartown Rd. & R. on Boot Rd. to site on L.

AUCTION: SAT., JUNE 9 at 2 PM
Preview: Sunday, June 3 from 1-3 PM

TERMS: 15% Deposit * 60 Day Settlement
Subject to Confirmation * Broker Part. Invited

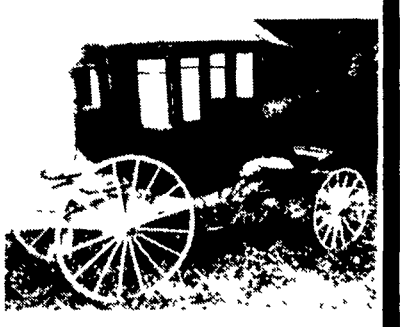
FOR INFO/BROCHURE CALL

KENNETH A. GEYER AUCTION Co. Inc.
SUITE 102 • 661 WEST GERMANTOWN PIKE
PLYMOUTH MEETING, PA 19462 • LIC AU 332
(215) 834-1854 FAX 834-1754

COUNTRY AUCTION
JAMES & JOYCE RIESBECK
Corning, Steuben Co., New York

Having discontinued the horse operation and cutting back we have been commissioned to sell on

SATURDAY, MAY 26 @ 10:00 A.M.
at the Campgrounds on County Road 40 - off Rt. 225 - 5 miles south of Corning, N.Y. on the east end of Corning off of Rt. 17 Expressway, turn south on Rte. 225 and follow arrows to County Road 40.



HORSE DRAWN VEHICLES: HEARSE in good condition, all interior there, wheels all redone, ROCKAWAY COACH, 2 interior seats, exterior drivers seat - wheels all redone; Democrat wagon w/spindle seat; Democrat wagon with wire spoke wheels "unusual", Jog Cart with cane seat; Delivery Wagon with swelled body; Cutter with swelled body; Doctors Cutter with top; plus other sets of bobs; boxes; thills; poles; etc. **HORSE EQUIPMENT:** Oliver ground drive spreader; 2 N.I. #10 spreaders; mowing machine; cultivators; plows; rake; running gear; lime spreader; wagon **HARNESS:** Excellent Single Work or Driving Harness, patent leather single; saddles; show halters; collars; double & single trees.

FARM ITEMS: Poly water tubs; horse fencing; gates; posts; fencers, Alum XT ladder;
MISC: 1935 Ford Chassis; some Corvette parts; spot welder; Skil Saw, Snowblower;
BUILDING MATERIALS: doors; windows; plywood; ceiling tile.
HOUSEHOLD: Pine dining room suite (table, chairs, hutch) very nice; refrigerator; bedroom suites; gas stove w/grill; couch; recliner; benches; ping pong table; Fireview fireplace insert; stereo; pianos; carpets; tables & benches; stools; wicker chest.
ANTIQUES: Oak Church Pews; folding Barber Chair; Oak showcase counter top; trunks; hand sleigh; old type refrig.; glassware; gas light.
Many items from the camp; walkin cooler; dining room tables & benches, etc.
AUCTIONEERS NOTE: Many years of Mr. & Mrs. Riesbeck's accumulation and collecting to be sold, plus things from the Campground. Sale to start at 10.00 A.M. with household and antiques plus misc. box lots. Real Estate at 1:00 P.M. and horse vehicles, etc. at 1:30 P.M. Come expect many surprises. Excellent condition of horse drawn vehicles. May have two auctioneers selling simultaneously.
TERMS: CASH OR GOOD CHECK. LUNCH AVAILABLE.

MR. & MRS. JAMES RIESBECK
Owners 607-962-3982

REAL ESTATE AT 1:00 P.M. Former church campgrounds, situated on 6.8 acres of beautiful, wooded land with over 500 ft. of road frontage on County Road 40. Many buildings such as: 40x60 Auditorium (big doors); 24x50 building; 14x14 office; large dining hall; cabins & lodges; 2 drilled wells, large capacity septic system. Many possibilities here for a small business, homesite, etc. Zoned for neighborhood business. For appointment call auctioneer OPEN HOUSE SUNDAY, MAY 20th. 1-4 P.M.
TERMS ON REAL ESTATE: 10% down at conclusion of bidding - balance on closing in 30-40 days.

HOWARD W. VISSCHER
Lic. Real Estate Broker & Auctioneer, Nichols, N.Y. 607-699-7250

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAY 26 - 10AM, Equipment and Assorted Items, Sporting Goods, Misc., located RD 2, Landisburg, PA, Wilson (Mike) Bishop, owner, Donald Martz, Sr., Auct.

MON. MAY 28 - 8:30AM, Vehicles & Tractors, Farm Equip., Shop and Farm Items, from Int. 81 S. of Martinsburg, WV, take Exit #5 (Inwood), Rt. 51 E. approx. 3½ mi. to Shutt's Cash Crocery, turn right .2 of a mi. to sale, Edgar A. Bohrer, Sale Mgr.

MON. MAY 28 - 8:30AM, Antiques, Collectibles, Tools, etc , located 224 Spruce St , Sunbury, PA, Northumberland Co , Helen J Hummel, owner, Mark J Jones Auctioneering Service, Aucts

MON. MAY 28 - 9AM Sharp, 25 Acre Farmette, Antiques, Collectors Items, HH Goods, Tools, Farmall Tractor, Car, Etc , located on farm 9 mi NE of Hughesville, PA, 4 mi N. of Lairdsville, 1 mi S of Beaver Lake, Cleon and Martha Meyers, owners, Fraley Auction Co, Aucts

MON. MAY 28 - 9 15AM, Furniture, Pottery, China, Glass, etc , located midway between Mechanicsburg, and Rt 11, Chuck Bricker, Aucts .

WED MAY 30 - 10AM, Building Supplies, located Millhurst Mills, Freehold, NJ, Peter Costanzo Auctioneers, Inc , Aucts

MAY 30 - 3PM, RE and Personal Property, located 401 Maple St., Manchester, PA, Estate of Mrs. Elizabeth I. King, Blaine and Nevin Rentzel, Auct.

WED. MAY 30-7PM, 74 7/10 Acre "Pine View Village", located Maiden Creek Twp., Berks Co., PA, between Reading and Kutztown, Traiman Real Estate Auction Co., Aucts.

THURS. MAY 31 - Eve. at Kling's Sale Barn, Landisburg, PA, Dairy Cow Sale, Kling's Auctions, Inc., Sale Mgrs.

THURS. MAY 31 - 3:30PM, Antiques, HH Goods, Car and Coins, located at the Brickerville Fire Hall, located just off Rt. 322, approx. 8 mi. W. of Ephrata, Brickerville, Lanc. Co., PA, Raleigh and Phoebe Niew, Fred and Edna Kline and Grace Millhouse and others, T. Glenn Horst and Sons, Aucts.

THURS. MAY 31 - 5PM, A Farmall and 400 Farmall Tractors, Farm Equip., Long Corn Bin, Tools, Old Car Parts, Antiques, HH Goods, Hubley Toys, located 29 Indian Hill Rd., Pequae Twp., Lanc. Co., PA, Mr. and Mrs. Weaver Reitz, owners, Howard Shaub, Auct.

THURS. MAY 31 - 7:30PM, A Complete Diary Herd from McKean Co., PA, 65 Milking & Dry Holsteins, at Kling's Sale Barn, located 15 mi. N. of Carlisle, PA on Rt. 74, 24 mi. NE of Landisburg, Perry Co., PA, Kling's Auctions, Inc., Aucts.

ABSOLUTE REAL ESTATE AUCTION

SECLUDED FARMHOUSE, 4½ ACRES, SOME WOODED, 2 COUNTY VIEW

Absolute... No Minimum... No Reserve

FRIDAY, JUNE 1, 1990

6:00 PM

AT: Box 610 Congo-Niantic Road, R.D. #2, Barto Douglass Township, Montgomery County, PA.

• 4 Bedrooms/Eat-in Kitchen • Large Garage w/ shed attached • Fenced in Pasture for your horses or sheep • Secluded Setting - Can be your hideaway, yet only minutes from major access routes and commercial centers.

OPEN HOUSE: TUESDAY, MAY 22 & 29 4-6 PM or by appointment.

PA NO. AU-001117-L

SAYLORD ALDERFER AUCTION COMPANY

501 Fairgrounds Road • Hatfield, PA • (215) 368-5477

Box 1 • Harleysville, PA • (215) 723-1171

PUBLIC AUCTION

We will be selling from Little Indian Run Farm (former Ralph Bach Farm), approx. 12 miles south of Galeton (Potter Co.), PA. Near Germania off of Rt. 144. Watch for auction signs.

Saturday, May 26, 1990

10:00 AM starting with HOUSEHOLD GOODS

QUILTS - COLLECTIBLES - FURNITURE - HAND TOOLS

Several good pattern quilts; H.O. Braun, Germania wooden cheese box; store paper rack; egg baskets; apple dryer; **2 pc. McDougal Frankfort Ind., oak kitchen cabinet w/center roll-front, insert porc. pull-top (ptd.);** C.I. teakettle; buffalo robe; sad irons; wooden skis; trappers basket; blacksmith tongs; sleds; X-cut saw; fence stretcher; drophandle milkcans; shoe last; single trees; glass front cabinet; Enterprise #12 meat grinder; crocks; hog scrapers; ice tongs; Dietz lantern; oil bottles; pulleys; coal bucket & shovel; nickel/copper tea kettle; old nailpuller; archery tree stand; folding chairs; **HANDTOOLS INCLUDE:** tin snips; staple gun; corner angle adapter; hammers; 100 amp 6-12 volt battery charger w/boost; 2-2 ton hyd. jacks; B&D sabre saw; Millers Falls screw gun; 44" elec. drill; ½ " Matco 200 lb. torque wrench; impact driver; Matco 10 dwr. mechanics toolchest; ½ " deep well sockets; channel & water pump pliers; vise grips; Matco 1/6"-3/8" drill index; snap ring pliers; Sioux air grinder; Mac 3/8" crowsfoot sockets; Matco toolboxes; dykes & side cutters; screw sticks; 3/8" & ¼ " sockets; pry bars; Snap-On speed wrench & Breaker bar; Mac 3/8" drill index; Snap-on drill extractor, (10 pc.); Stant vacuum tester; Mac compression gauge; K&D temp. gauges; Mac combo wrenches; Snap-On left hand drill bits; Mac auto trans. 400 psi pressure gauge; EFCO chainsaw sharpener (like new); Hilti #HD-17 hammer drill w/bits; Mac engine & fuel pump pressure gauge; Stant radiator tester; punches; chisels; Allen wrenches; valve stem remover; battery terminal puller; S&K, Wayne adj. wrenches; S&K Snap-On, Mac sockets; open box & combo wrenches; Husky ratchets; feeler gauges; new automotive items; gas additive; gas line anti-freeze, tubes of grease, windshield de-icer; belt dressing 30-40 SAE oil; starting fluid, battery saver, carb. cleaner; cans of spray in many colors, insect repellant, brake parts cleaner with much more not listed.

TRACTORS - FARM MACHINERY

Ford Jubilee tractor w/loader; 2-Ford 860 series tractors w/Sauder loader, 5 spd., live pto, 3 pth; hyd. valve bodies; chain come-along; log & tow chains; hyd. cylinders; lawn & garden tools; ext. cords; **Hobart 2 cyl. 230 amp air cooled welder;** hog scalding trough/dehairer; A.C. "B" tractor; Suhl 020 10" chainsaw; acy. regulator; refrigerator cart; Sears paint; Kemp mulcher/shredder; trailer axles; 2 wheel cart; I.H. 2 btm. trlr. plows on rubber; dehorner; metal platform scale; milk strainers; S.S. milkpail; butcher block; apple crates; Stanley plane; 6" jointer; wagon wheels; 6" table saw; **2' bed wood lathe;** cyclone seeder; barrel stove; bee smoker; elec. motors; chimney brushes; fencer; 6' wood stepladder; vise; brace & bits; hand drill press; horse collars & harness; Oliver Superior manure spreader; hammer mills; chain binders; wood clamp; seed cleaner; grain scoop; vacuum pump; flatbed wagon; buck saw; old Chevy axle; **A.C. 5' brush hog;** barn forks; **Maple sap/syrup evaporator; 100+ sap buckets, lids & spouts;** many old hand tools; butchering carcass rail; **N.H. #47 3 pth. mower;** 2 row corn planter; Dynamark 8 hp lawn tractor; J. Deere #14 "T" baler; **Lincoln 225 amp welder;** VanBuren 11 hole grain drill; Cyclone #53B seeder; wood stove w/coils; 2 row potato planter on steel; weed rake; back blade; Oliver 14" trlr. plows; snow fence & posts; J. Deere 2 pth. 4 bar hay rake; 2 wheel grain wagon; 2 sec. harrow; 3 pth. cultivator/disk; 7' blade; 1 row potato digger; Woods combine; misc. tractor parts; pipe vise; snowplow frame; bench grinder; hog hooks; scrap machinery and scrap piles and more not listed.

AUCTION NOTE: PLAN TO ATTEND AN ALL DAY AUCTION FROM AN OLD ESTABLISHED POTTER COUNTY FARM.

TERMS & CONDITIONS: Cash, approved or Traveler's checks only. Out-of-state buyers must have a current notarized bank letter of credit warranting funds.

SALE ORDER: 10AM: Furniture, Collectibles, Quilts, followed by Wagon Items, Tools, Machinery, Tractors.

LUNCH & PARKING AVAILABLE • TENT IF INCLEMENT WEATHER

OWNERS: *LITTLE INDIAN RUN FARM*

Conducted by

SCOTT YOUNKIN, C.A.I. & ASSOCIATES

AU-1666 • (717) 323-9011

Scott Younkin Auctioneer — Appraiser

PENNSYLVANIA AUCTIONEERS ASSOCIATION

HONEOYE TRADING POST
THE ESTATE OF
GARTH R. HOWELL

***** TWO SESSION AUCTION *****

***THURS., MAY 24*, 5:00 P.M.**

***SAT., MAY 26*, 10:30 A.M.**

120 East Main Street (State Rte. 49) Knoxville (Tioga Co.) Penna.

To settle the estate of the late Mr. Howell, selling, without reserve, will be:

THURSDAY SESSION 5:00 P.M.

(preview 4:00 P.M.)

Woodworking Tools-Grocery Store Goods-Equipment-Household Items including: Soda pop, candies, condiments, personal health care items, cleaners, etc! Colding self contained upright food cooler with double sliding glass doors; Wards' chest deep freeze; Stoelting slush machine for making snow cones; Emerson air conditioner; cash registers including 2 Electronic (DTS 150 and TEL-MA120) and National manual; Northwest model 75 microfiche machine; Office Safe 25x29x39 high on casters; 10 homebuilt store display units; Craftsman 10 in. radial arm saw; Rockwell Delta 10 in. tilting arbor table saw; Sears 10 in. band saw; Craftsman drill press; CT portable air compressor; Craftsman shaper; Jig saw; bench vise; brand new Craftsman slack belt sander; various hand tools and hardware items!; kerosun heaters; commercial glass cutter; Snow Champ 3 h.p. snow blower; Electra scanner; Sears color portable TV with remote; Magnavox color portable TV; Solid State b&w electric or battery power TV; Kenmore carpet cleaner; room humidifier; double bed water bed mattress; Apt. size gas stove; Signature portable dishwasher; Qty. of hard cover books; and misc. items!

SATURDAY SESSION: 10:30 A.M.

(preview 9:30 A.M.)

89 brand new, used and collector item guns (app. 20 hand guns); big qty. of new ammo.; (Note: Federal, State and local gun laws apply!) Guns and Ammo sell after 12:30 P.M. Complete inventory of gun shop sells including rifle and shotgun scopes; binoculars; hunting knives; holsters, gun cleaning; targets; turkey calls; clothing; fishing rods and reels; tackle; fly tying threads; bait; etc. This small store is packed with brand new items of top quality name brand merchandise that must be sold to the highest bidder! An all day auction! Also Selling on Saturday will be: 1989 Ford Ranger XLT, 2 wheel drive, just 2,400 miles (purchased new on 1-3-90), with XLT special value optional package, 2.3 E.F.I. I-4 engine, 5 sp. manual trans., sells absolute!; 13 ft. alum. fishing boat; 1967 Cobia 15 ft. fiberglass boat; 2 single axle boat trailers (300 and 700 lb.); Sea Bee 12 h.p. motor; Chrysler 55 h.p. motor; Sea Horse fishing motor; Atlas metal lathe with 10 in. swing, 36 in. bench used for gunsmithing; qty. of gunsmith's hardware; new and used reloading equipment; Sporting magazines and reference manuals; dress sword in case; used 1500 lb. electric winch; Reliance portable toilet; used traps; ice fishing; nice Penntax K1000 35 mm camera with case and tripod plus Kalimar MC auto. zoom 1:3.9 80-200 mm telescope lens; plus other items of interest!

Attend this absolute estate auction to buy at the price you want to pay! Mr. Howell operated for 31 years as an independent dealer in Honeoye, NY and then Knoxville, PA. Lunch by Knoxville Fire Department at the firehouse! Auctions in lawn and under tent! Bring your own chair.

TERMS: ACCEPTABLE ID required to register! CASH or honorable check required day of auction! Nothing to be removed until settled for!

Owned by the Estate of

GARTH R. HOWELL

by Isabel L. Howell

Auction Conducted By:

PIRRUNG AUCTIONEERS, INC.

Wayland, New York

716-728-2520

PA Lic. #1646 and #1672

COMPLETE SERVICE AUCTIONEERING

PUBLIC AUCTION

SATURDAY, MAY 26, 1990

9:00 A.M. SHARP

SELLING THE PERSONAL PROPERTY OF THE LATE CELIA YEATER, RD#1 (ALFARATA), MCCLURE, PA. 17841

DIRECTIONS: Travel N on Rt. 522 from Lewistown to Alfarata, turn left. Continue approx. 1/8 mile. Turn right on Snook Rd. 1/8 mile to sale site on left. Signs posted.

REAL ESTATE

1 Story, 3 bedroom, living room, kitchen, and enclosed porch plus front porch. Situated on 71x171 lot with several small outbuildings. Oil hot water heat/drilled well. Close to good hunting would make great camp.

CONTACT EXECUTRIX WITH QUESTIONS ON REAL ESTATE

EXECUTRIX: DARLENE M. WERTZ
717-248-0548

ATTORNEY: STEPHEN SNOOK
717-248-0548

KENNETH E. HASSINGER (717) 658-3536 AU-001532-L

NEIL A. COURTNEY (717) 539-8791 AU-002651-L

CHARLES NORMAN LUSCH ESTATE

JUNE 21, 22, 23, 1990

ABSOLUTE PUBLIC AUCTION

EVERYTHING SELLING TO THE HIGHEST BIDDER

A GREAT 3 DAY AUCTION EVENT ON CENTER SQUARE, LEHIGHTON, PENNSYLVANIA, EXIT 34 (MAHONING VALLEY) OFF NORTHEAST EXTENSION ON PENNA. TURNPIKE.

THURSDAY, JUNE 21, 9:00 A.M.

Complete Liquidation of Automobile Parts,; Borg, Warner, Moog, Toledo, Gates, Etc. All Current Stock.

FRIDAY, JUNE 22, 9:00 A.M.

Outstanding Commercial and Do It Your Self and Mechanics Tool Shop, Large Inventory of Lathes, Drill Presses, Hoists, Crank Shaft Regrinder, Elec. and Hand Tools. Machine Shop is a very Current and Up to Date Operation.

SATURDAY, JUNE 23, 9:00 A.M.

REAL ESTATE, CORVAIRS, CORVAIR PARTS, 40-50 GUNS, ANTIQUES, PERSONAL PROPERTY

Real Estate (2) Parcels **SELLING AT 1:00 P.M.**

3 Story Brick Victorian Commercial and Residential Building with Possibilities For 8-10 Rental Units.

2½ Story Frame Building with attached Block Garages with Multi-Storage Possibilities.

Terms: On Real Estate 10% Down Day of Auction Balance Within 45 Days.

*** Real Estate Subject to a Reserve**

Attorney Steven Hartz 215-826-2000

20-25 Titled Vehicles **at 11:00 A.M.**

Mr. Lusch, well known in Corvair collector club circles, acquired this large group of Corvairs and parts throughout the past 40 years. Now selling it to the highest bidder.

Terms for all Auction Days are CASH or APPROVED CHECK with Bank Letter of Credit.

OPEN HOUSE INSPECTION DATES:

Sunday, May 20, 12:00-3:00 P.M.
Sunday, May 27, 12:00-3:00 P.M.
Sunday, June 3, 12:00-3:00 P.M.

For additional appointment on Real Estate call Auction Firm (717) 738-7900

For Brochure #50 Contact Auction Firm

Food Served

Auction For:

CHARLES NORMAN LUSCH ESTATE
Charles J. Lusch Ext.
Lanna N. Rodgers Ext.

Auction Conducted by the:
J. Omar Landis Auction Service
Jay M. Witman AU001127-L
Larry L. Lefever
Box 501, Apple and Robert Streets
Ephrata, Pa. 17522
(717) 738-7900

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

JUNE

FRI. JUNE 1 - 1:30PM, Professional Building, 23,000 Sq. Ft. of Office Space, 50 N. Duke St., York, PA, Blaine and Nevin Rentzel, Aucts.

FRI. JUNE 1 - 3PM and SAT. JUNE 2 - 9AM, Antique Furniture, General Antiques, Collectibles and Personal Property, at Springetts Fire Co. Social Hall, 3013 E. Market St., York, PA, Brian L. and Jacob A. Gilbert, Aucts.

FRI. JUNE 1 - 5PM, 34 Acre Farmette, located Jefferson Twp., Berks Co., PA, 3 mi. W. of Bernville, Jacob and Mary Meyer, owners, Dwight D. Miller, Auct.

FRI. JUNE 1 - 6PM, Secluded Farmhouse, 4½ Acres, located Box 610 Congo-Niantic Rde., RD 2, Barto Douglass Twp., Montgomery Co., PA, Sanford Alderfer Auction Co., Aucts.

SAT. JUNE 2 - 8:30AM and SAT. JUNE 16 - 8:30AM, Antiques, Collectibles, RE and Personal Property, located 947 Hay St., York, PA, Estate of Naomi Waltham, Blaine and Nevin Rentzel, Aucts.

SAT. JUNE 2 - 9AM Consignment Auction. Antique Furniture at Diffenbach's New Holland Auction Center, Ltd. 100 W. Jackson St., New Holland, Pa. Diffenbachs' Auctioneers.

SAT. JUNE 2 - 9AM, Real Estate, located along Rt. 25 in the Village of Fountain, 3 mi. E. of Hegins, 15 mi. W. of Pottsville, 2 mi. W. of I-81, Exit 34, Bonita E. Otto, owner, Mike and George Deibert, Aucts.

SAT. JUNE 2- 9AM, RE, Personal Property, Antiques, 1948 Farmall Cub Trac. w/attachments, located from Blue Ball take Rt. 23 E. approx. 1½ mi., turn right onto Fetterville Rd to property on right, East Earl Twp., Lanc. Co., PA, Abram M. Souder Estate, Kline, Kreider and Good, Aucts.

PUBLIC AUCTION
OF
REAL ESTATE
1 3/4 ACRES

Wednesday, June 13th
@ 7:30 P.M.

Located along Warwick Rd. From Elverson take Rt. 23 East to Rt. 345 North, left to Warwick Rd. go left to property, Warwick Twp., Chester Co.

2½ story frame and stucco house. 1st flr. has kit., pantry, dining room, living room, and powder room. 2nd flr. has 3 bedrooms, sewing room and full mod. bath. Attic storage, full front porch, full basement, 2-car block garage w/auto. door opener. 2 sty. block & frame barn with cement flr. and open stables. 1¾ acres of level land, all usable, nice setting, professionally landscaped.

TERMS: 10% day of sale; settlement on or before August 15, 1990.

OPEN HOUSE: Saturday, May 26th from 2-4 PM.

Terms By:

David & Susan Newton

HORNING FARM AGENCY, INC.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

Public Auction

Saturday, May 26, 1990
at 9:00 A.M.

Located in Huntingdon Co., 10 miles south of Huntingdon, Pa. off Route 26 west 1 mile.

Household Items: Some Antique - Large Appliances - 2 Kalamazoo Ranges - Oak Furniture - Braided Rugs - Dishes - Crocks - Other Items.
Terms - Cash.

Real Estate
Will Be Offered At 12:30 P.M.
7 Room Frame House w/Vinyl Siding - Bath - Full Basement - Storm Windows - Oil Hot Water Heat - 2-Car Garage - Other Outbuildings on 7½ Acres - Near Raystown Lake.
Terms - 10% Down, Balance on Delivery of Deed. Reserve Right to Reject Any or All Bids.

Mildred G. Moyer, Owner
Phone 814-643-2661

Dale Gibboney, Auctioneer
AU-335-L

PUBLIC AUCTION

OF 156 ACRE FARM &
FARM EQUIPMENT, HOUSEHOLD GOODS & ANTIQUES

Saturday, June 9th
@ 10:00 A.M.

Location: Take 501 & 125 N. of Pine Grove to Sweet Arrow Rd. turn right, go 1 mile to Mountain Rd. turn left, 1/2 mile to Herring Rd. turn left, go approx. 1 mile to property; Pine Grove Twp., Schuylkill Co.

REAL ESTATE will be offered in 3 parcels @ 11:00 A.M.

PARCEL #1: 2 sty. stone farmhouse; 1st flr. has kit.; DR; LR w/FR; den; full bath & 40' sun parlor w/FP, 2nd flr. has 4 BR's & sewing room. Full basement; cold cellar; steam heat (new system).
2 sty. stone tenant house; 1st flr. has unfinished kit.; LR & oversized bath. 2nd flr. has 3 BR's, Basement; oil hot air heat; newly renovated.
Barn: 46x88 stone & frame bank barn w/ old style stalls & overshoot. Could easily be used for beef or horses. Other frame outbldgs. Block springhouse (unique design). 3 never failing springs providing an abundant water supply; spring fed pond; lots of walnut trees; 71 acres land; 40 acres wooded, 20 acres pasture land, 11 acres in building area and open ground. Terrain is rolling.
PARCEL #2: 80 acres total, 40 acres under cultivation high & flat, 40 acres fenced in pasture; spring fed stream; terrain level & rolling; fantastic view.
PARCEL #3: 5 acre tract of woodland; nice bldg. lot, secluded.
OPEN HOUSE: May 19 from 2-4 PM.
TERMS: 10% day of sale; settlement on or before August 9, 1990.
This is an exceptional property w/ outstanding features; main house built in 1818, deep window sills; very private setting along a dirt road; near Sweet Arrow Lake; 20 mile view of the Blue Mtns. & neighboring farms; 3 strong, clear gravity fed springs & streams.

Terms By:
Horning Farm Agency, Inc.
Michael Smoker, Esq.
Agents for Seller

Horning Farm Agency, Inc.
Alvin Horning AU-0433-L
Merle Eberly AU-2417-L
Main Street, Morgantown
215-286-5183

PUBLIC AUCTION
VALUABLE REAL ESTATE
SATURDAY, JUNE 2, 1990
At 1:00 P.M.

Located from Bernville take Route 183 South approximately ½ mile to Bernville Robesonia Road turn right travel approximately ½ mile turn right onto Christmas Village Road at Christ Little Tulpehocken Church turn North on Groff Road to Y bear left onto Batdorf Road, travel approximately ¼ mile to auction, Berks County, Pa.

LOOK FOR AUCTION SIGN

REAL ESTATE consists of a 2½ story frame vinyl sided home, 1st floor consists of kitchen, diningroom with oak hardwood floors, livingroom with coal or wood hook up, powder room, 2nd floor has 3 large bedrooms with wall to wall carpet and large closets, modern bath, large full attic, full basement, oil hot water heat, and well water.

This home has been completely remodeled and is in excellent condition.

Also on property is:

A 2 story stone and block construction tenant home, 1st floor consists of kitchen diningroom combined, livingroom, utility room, full bath, 2nd floor has 2 bedrooms with wall to wall carpet and large closets, basement, oil hot air heat.

A Large stone ground cellar.

A 46'x65' pole building.

Stream running thru property, situated on approximately 3½ acres of land. This property is in excellent condition and has a nice country setting.

For inspection to see Real Estate call 215-488-7400 or 717-386-4586.

Terms- 10% down on day of sale in cash or certified check. Balance within 60 days.

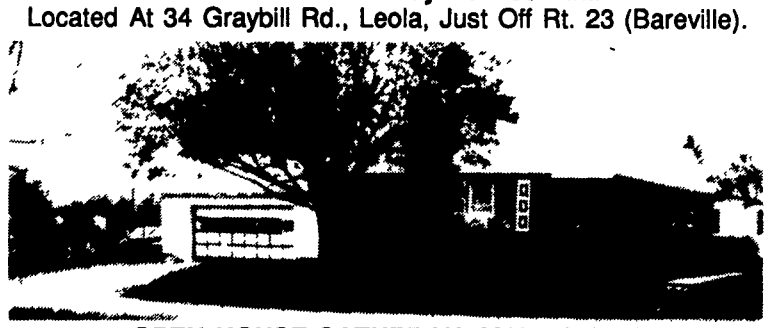
Not responsible in case of accidents.

Sale Ordered By:
TIMOTHY AND SUSAN ALSPAUGH
Route 2
Bernville, PA 19506

Auctioneer:
Robert A. Arner
Route 2, Box 216
New Ringgold, Pa. 17960
Phone 717-386-4586
Pa. Lic. No. AU-000024L

PUBLIC AUCTION
OF REAL ESTATE, BUILDING LOT, TOOLS, GUNS, ANTIQUES, VEHICLES, PERSONAL PROPERTY
FRIDAY, JUNE 8 & SATURDAY, JUNE 9, 1990

At 9:00 A.M. BOTH DAYS
Real Estate Saturday At 1:00 P.M.
Located At 34 Graybill Rd., Leola, Just Off Rt. 23 (Bareville).



OPEN HOUSE SATURDAY, MAY 19 & 26
From 1-4 P.M.

TRACT #1 Real Estate consists of a 3 bedroom brick ranch style home with a 2-car attached garage w/opener. Home has a large eat-in kitchen with built-in cabinetry, living room, full bath, attic storage, full basement; w/wood stove, 60 amp electric service, storm windows, oil fired hot water heat, public water & sewer on a corner lot 112'x153'.

TRACT #2 consists of a level building lot 75'x170' with public water and sewer available. Zoned R2 Residential.

FRIDAY, JUNE 8
Guns & Vehicles At 12:00 Noon

1979 Mercury Cougar; 1978 Ford Ranger F250 Extended Cab 4x4 Pickup; 1983 Suzuki 125 cc. Quad-Runner; 1981 12' Dual Axle Utility Trailer; Pickup Truck Camper; Guns; Ithaca Model 10-10 Gauge Pump; Savage 22 Hornet; (2) Remington Model 760-270 Pump; Savage 300-Model 99; Mossberg 410; Knickerbocker 12 Ga. Double Barrel Remington Model 700-222 Bolt Action; Richards 12 Ga. Double Barrel Hammer Gun; Marlin Model 39-A 22; Winchester 12 Ga. (as is); Hunting Coats & Equipment; Bear Trap; Clay Birds; Bullet Loading Equipment, Fishing Rods & Tackle.

TOOLS: Berger Transit w/Tripod; Scaffolding; Lamanite Shears; Dewalt Power Miter Saw; Machinist Lathe; Carpenter's Toolbox; Brace & Bits; 6' Level; Hand Saws; Squirlcage Fan; Saw Horses; Toolboxes; Bench Grinder; Drill Bit Sharpener; ½ " Elec. Drill; Sabre Saw; Circular Saws; Cordless Screwdriver; New Sump Pump, 4' Shop Lights; C-Clamps; Metal Machinist Toolbox; Machinist Square; Calipers; 1" & 2" Micrometers; Bench Vise; Socket Sets; Drill Bits; Hyd. Jack; Door Lock Sets; Numerous Pcs. Plywood; 2x's; Trim Mouldings; Shingles; Lots of Screws & Nails; Snapper Riding Mower; Jackson Pull-type Lawn Trailer; Rotary Mowers; 3 Echo Chain Saws; Echo Weed Eater; Hahn Snow Blower; Slate & Tile Cutters; Copper Tubing & Fittings; Fiberglass Wash Tub; Tarps; Buck Saw; 2-Man Saws; Bag Wagon, Corn Planter; Milk Can; Wooden Clamps; Brass Torch.

Old Bottles; Wooden Crates; Copper Fire Extinguishers; Old Car Parts; Beam Scales; Small Platform Scales; Hand Sprayer; Workbench; Picnic Table; Battery Charger; Log Chains; Numerous Hand & Garden Tools; Beam Scales; Sausage Stuffers.

SATURDAY, JUNE 9 AT 9:00 A.M.

ANTIQUES: Empire Butler's Chest; Oak Dresser w/Mirror; Oak Easel; Pressed Back Rocker; Oak Stand; Decorated Nursing Rocker; 4 Pc. Depression Bedroom Suite; Miniature Blanket Chest; 5' Show Case; Camelback Trunk; Drop Leaf Table; 3 Floor Safes; Small Chunk Stove; Oak Kitchen Clock; Pressed & Pattern Glass; Lots of Depression Glass; Horseshoe Tumblers; Numerous Shirley Temple Creamers, Mugs & Bowls; Carnival Glass Pcs.; Flo-Blue Tea Set (as is); Hair Receivers; Fostoria Bowl & 6 Shot Glasses; Occupied Japan; Esso Bank; Hen on the Nest; Vinegar Cruets; Shot Bottles; Bitter's Bottles; Lancaster, New Holland & Other Local Bottles; Assorted Local Milk Bottles; Local Advertising Pcs.; Stick Spatter Plate; Brown Coke Bottles (as is); 1937 Coke Tray; Fire Co. Mugs; Punch Bowl; Lg. Assortment of Oil Lamps; American Flyer Train Set #312; Rug Beater, Ice Tongs; Sausage Stuffer, Wooden Rakes; Beam Scales; Assortment of Wooden Spoons, Mashers & Rolling Pins; Brass Scale Scoop; Hog Scrapers; Flat & Sadirons; Butcher Forks & Spatula; Bracket & Hanging Lamps; Apple Butter Stirrers; Cigar Mold; Cherry Seeder; Brass Sleigh & Shaft Bells; Demijohns; Agate Coffeepots; Brass & Copper Teapots; Salt & Pepper Shakers; Crocks & Jugs; Tin Bible Box; Slaw Board; Iron Trivets; Carbide Miner's Lamp; Brass School Bell; Coffee Grinder; Tinware Pcs.; Butter Scale; Purity Ice Cream Tray; Lukens Steel Tumblers; Mason Jars; Apple Saucer; New Holland Toy Engine; Century Studio Camera w/Tripod.

PERSONAL PROPERTY: Maple Ext. Table w/8 Boards & 6 Chairs; 2 Pc. Cherry Hutch; Platform Rocker; Recliners; Sofa; Pine Coffee & End Tables; Kneehole Desk; Marble Top Tables; 2 Twin Beds; Dresser; Chest of Drawers; Card Table w/Chairs; Floor & Table Lamps; R.C.A. Floor Model Stereo; G.E. & Frigidaire Frost-free Refrigerators; Maytag Automatic Wash Machine (2 years old); Lawn Chairs; Small Kitchen Appliances; Electric Food Grinding Equipment; Bearcat Scanner; Linens; Records and many more items yet to be unpacked.

AUCTIONEER'S NOTE: Please plan to attend both days, as there is a very large assortment of Primitives & Glassware.

TERMS OF REAL ESTATE: 10% down day of auction; balance in 60 days. Inspection of Real Estate only; Open House, Sats., May 19 & 26 from 1 to 4 P.M. or by appointment 656-8919.

SALE BY
EUGENE H. STOLTZFUS ESTATE
LORRAINE C. IMLER (EXEC.)
LEROY A. STOLTZFUS (EXEC.)
RONALD E. STOLTZFUS (EXEC.)

ATTORNEY: LINDA KLING

JAY M. LEARY & Associates

P.O. Box 406
New Holland, PA

(717) 354-0423
ZU001214L

Samuel H. Stoltzfus
Terre Hill, 445-4941

Randy L. Stoltzfus
Leola 656-8919

Auctioneers **Appraisers**

Food By Bareville Fire Co.
No out of state checks

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JUNE 2 - 9AM, Antiques, Fine China & Glassware, Coins, at Millersville Fire Hall, located at 26 E Charlotte St., Millersville, Lanc. Co., PA, Esther A. Aument Estate, T. Glenn Horst and Sons, Aucts

SAT. JUNE 2 - 9AM, Farm Machinery and Tools, located at 1651 George St. off of Rt. 74, 1½ mi. N. of Dover, PA opposite the Rt 74 diner take George St. to farm, Mrs. Nora Redding, owner, Charles L. Wehrly and Son, Aucts.

SAT. JUNE 2 - 9AM, RE, HH Goods, Machinist Tools, Equip., located along Rt. 345, from Elverson go E. on Rt. 23 to Rt. 345, turn right and cross Rt. 401 to property on right, Estate of Charles Morris, Horning Farm Agency, Inc., Aucts.

SAT. JUNE 2 - 9:30AM, Antiques and Farm Equipment, located Hemlock Dr., Stone Church (Mt. Bethel), PA, Granville Yetter Estate, Robert C. Teel, Auct.

SAT. JUNE 2 - 9.30AM, Farm Machinery, Antique Vehicles, Complete Irrigation Systems, on the farm at 10907 Annapolis Rd. (Rt. 450) Mitchellville, MD, Catherine Simpson, owner, Ridgely's Auction Service, Aucts

SAT. JUNE 2 - 10AM, Real Estate, Machinery & Equip., Reiff Saw Mill, Vicksburg, PA, Star Industrial Auction Service, Aucts

SAT JUNE 2 - 10AM, 16th Annual Spring Show and Sale, Nittany Antique Machinery Association, at the Penns Cave grounds, Rt. 192 E. Centre Hall, Larry Harpster, Sale Mgr.

SAT. JUNE 2 - 10AM, All New Anderson and Peachtree Windows, All New Doors, held at Storage Depot at Rt. 39 Linglestown Rd. Exit off Rts. 22/322 at North 6th St. Intersection, Kerry Pae Auctioneers, Aucts.

SAT. JUNE 2 - 1PM, Real Estate, located from Bernville take Rt. 183 S. approx. ½ mi. to Bernville Robesonia Rd. turn right travel approx. ½ mi. turn right on to Christmas Village Rd. at Christ Little Tulpehocken Church turn N. on Groff Rd. to Y bear left on to Batdorf Rd, travel approx. ¼ mi to auction, Timothy and Susan Alspaugh, owners, Robert A Arner, Auct.

SAT. JUNE 2 - 1PM, Real Estate, located at Port Royal Fairgrounds, Port Royal, PA, Estate of Maude M Ditmer, Bryan D. Imes, Auct

SUN. JUNE 3 - 12:30PM, 4th Annual Toy Tractor Auction, Nittany Antique Machinery Association at the Penns Cave grounds, Rt. 192 E., Centre Hall, PA, Larry Harpster, Sale Mgr.

MON. JUNE 4 - 9:30AM, Antiques, Personal Property, Automobile, located at 30 N. Marshall St., York, PA, Richard P. Scott, owner, Jacob A. and Brian L. Gilbert, Aucts.

TUES. JUNE 5 - 10AM, Tractors, Combine, Farm Machinery, Grain Bin, Skid Steer, HH Goods, located 18 Hanshue Rd., Hummelstown, S. Hanover Twp., Dauphin Co., PA, George and Mary Hubler, owners, Harry H. Bachman, Auct.

TUES. JUNE 5 - 7PM, 90 Holsteins, Farm Machinery, Dairy and Barn Equip., Cohocton, NY, Robert Sick and Son, owners, Pirrung Auctioneers, Inc., Aucts.

TUES. JUNE 5 - 7PM, Building Lot Zone Highway Commercial-1.4 acres, E. Wyomissing Ave., Boro of Mohnton, Berks Co., PA, Kenneth A. Geyer Auction Co., Inc., Aucts.

WED. JUNE 6 - 5PM, Antiques, Collectibles & Guns, held at Brickerville Fire Hall, located just off Rt. 322, approx. 8 mi. W. of Ephrata, Brickerville, Lanc. Co., PA, Mrs. J. Robert Peters, owners, T. Glenn Horst and Sons, Aucts.

FRI. JUN. 8, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. JUNE 8 and SAT. JUNE 9 - 9AM Both Days, RE, Building Lot, Tools, Guns, Antiques, Vehicles, Personal Property, located at 34 Graybill Rd., Leola, just off Rt. 23, Eugene H. Stoltzfus Estate, Jay M. Leary and Assocs., Aucts.

FRI. JUNE 8 - 6PM and SAT. JUNE 9 - 9AM, Antiques, Collectibles, Martin's Sales Pavilion, Intercourse, PA, Martin Auctioneers, Inc, Aucts.

SAT JUNE 9, HH, Plus RE of 1½ story house w/ Detached two car garage on large lot, located 1 mi N. of I78 off Exit #6, along Rt. 419, Berks Co., Dwight Miller, Auct.

SAT. JUNE 9 — 9AM, RE, Antiques, Personal Property, follow Susquehanna Trail N from Rt. 30, 2½ mi to Lewisberry Rd. on left, travel 2 mi. to sale on left, Wilford S. Rohrbaugh, owner, Blaine and Nevin Rentzel, Aucts

SAT. JUNE 9 - 9:30AM, Real Estate, HH Goods. Antiques and Toys, located turn off Rt. 23 in Leola on N. Maple Ave., ¼ mi. to sale, Lanc. Co., PA, Leroy N. Eberly, owner, Robert E. and Jeffrey R. Martin, Aucts.

SAT. JUN. 9 - 10AM, Registered Heifer Sale, New Holland Sales Stables, Inc., New Holland, PA.

SAT. JUNE 9 - 10AM, Real Estate and HH and 1984 Ford Tempo, located Exit #6 of I-78, take Rt. 419 N. ¼ mi. to property, Harriet JE. Delong, owner, Dwight D. Miller, Auct.

SAT. JUNE 9 - 10AM, 71 Acre Farm and Farm Equip., HH Goods and Antiques, located along Herring Rd., Pine Grove Twp., Schuylkills Co., Horning Farm Agency, Inc. and Michael Smoker, Esq.-Agents for Seller, Horning Farm Agency, Aucts.

PUBLIC SALE

OF ANTIQUES - HOUSEHOLD GOODS
1,000 LB. IRON SAFE, BRASS, IRON, TIN & WOODEN ARTICLES, GUNS - PISTOLS, LOCAL INDIAN ARTIFACTS, LOTS OF GOOD GLASSWARE & CHINA

FRIDAY, MAY 25, 1990
AT 10:00 A.M.
(Articles to be sold Friday Include Household Goods, Glassware & China)
AND
SATURDAY, MAY 26, 1990
AT 9:00 A.M.

Loc. 5028 Newport Road, Kinzer, Salisbury Twp., Lancaster Co., PA (Dir.: Along Rt. 772 between Gap & Intercourse, off Rt. 30)

Food Served.
Sale By
Mr. & Mrs. George F. Kramer

Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

AUCTION AUCTION AUCTION AUCTION AUCTION AUCTION AUCTION

J. VERN TRAGESER
P.A. Lic. #AU 001218
Ohio Lic. #001191
W.V. Lic. #3-82
VT. Lic. #0066
AND OTHERS

STAR INDUSTRIAL Auction SERVICE INC

PUBLIC AUCTION

10 AM
SAT. JUNE 2, 1990

REIFF • SAWMILL
VICKSBURG, PA.
REAL ESTATE

11 Acres Of Flat Dry Land. & The Following Buildings: Cement Block Two Story Barn 30x36, With Stable & Workroom. Mobile Home, 2 Bdrm., Full Bath, Water & Septic System, Full Cellar, 12x65, With 12x12 Extension. Sawmill Building 120x24 With Ext. 32x40. Nice Creek Along Property.
TERMS: 25% Deposit Due On Acceptance Of Bid On Real Estate- Balance Due On Closing. Possible Financing.

MACHINERY & EQUIPMENT

Complete Sawmill From Debarker To Chipper, Deutz Diesel Engine, Detroit Diesel Engine, Air Compressor, Welder, Hand & Power Tools, JD 450 Crawler-Loader & Forks, Bucket & Backhoe & Other Misc. Items. **TERMS: CASH**

CALL FOR ADDITIONAL INFORMATION & BROCHURE.
(716) 457-3005

AUCTION AUCTION AUCTION AUCTION AUCTION AUCTION AUCTION

PUBLIC AUCTION

SAT., JUNE 2, 1990
at 10:00 A.M.

Route 192 East at the Penns Cave grounds, Centre Hall, Pa. Auction of Antique Gas Engines, Tractors, Equipment, Parts, Tools, Etc. Consignments Welcome. Early Listing Includes:

GAS ENGINES

International LA engine; 3-1 1/2 HP Fairbanks-Morse engines; 2 1/2 hp. Fairbanks-Morse engine; Briggs & Stratton engines and parts; Maytag Engines; 2 cyl. Wisconsin Engine; Delco light plant; International LB engine; 1 1/2 HP. McCormick Deering; 2 HP. Lushman Cub; 1 3/4 HP. Jaeger; NoVo 1 1/2-2 HP upright; Small Iron Horse engine; 14 HP. Wisconsin engine; Misc. parts engines.

TRACTORS

1927 20-30 Rumley Oiltull Exc. Condition; 1941 Ford 8N. Restored New Rubber; 1937 ALLIS CHALMERS "B" With 5 sickle bar mower, good cond.; International F-12, steel rear, single front wheel; Several other tractors expected.

EQUIPMENT

Farmi log skidding winch, 3 pt., pto. driven, excel. cond.; Attachments for John Deere "LA"; plow, disc, cultivator, blade, planter, rotary mower, Hyd. pump with controls; IHC husker-shredder; Keystone thrashing machine with blower; Horse drawn duster; 2 horse sulky cultivator; IHC cornsheller; Small grain grinder; Several 2 bt. plows on rubber and steel; Pump jacks; Blacksmith tools; Hand pump; Butcher kelle furnace; 2 Concrete mixers; Snowblower for Cub Cadette; Cast hog troughs; Many other misc. items, tools, and misc. equipment.

PARTS

W-12 Fenders; 1922 Model T Ford Frame; Model T Pick-up bed; Model A Ford engines and transmissions; Model A Radiator and shell, doors fenders, and wheels; JD Tractor radiator; Various magnetos, gas engine and tractor parts; Mr. Ben Kinsinger will be here with I-H parts, decals, manuals, etc.

STEAM

Farrar & Tifps 15 hp. horizontal double acting steam oilfield engine (circa 1875); Steam pump; Small upright boiler; valves; fittings; Governors; etc.

No Unrelated items no household goods.
Auctioneers: Ron Gilligan AU-339L
John Esh AU-002-055L
Dave Fisher AU-002-058L
FOR EQUIPMENT CONSIGNMENTS:
814-692-8738 or 814-237-3141

****

16th ANNUAL SPRING SHOW
JUNE 2&3, 1990

4th Annual Toy Tractor Show and Auction-Show June 2&3, Auction June 3 at 12:30 p.m. Info. call 814-5833 or 814-427-2858. Flea Market both days, Square dancing Sat. Night, Camping and Food available on grounds.

ANTIQUE MACHINERY, TRACTORS AND ENGINES ON DISPLAY
General Show info. 717-726-4021 or 814-364-9855
NITTANY ANTIQUE MACHINERY ASSOCIATION OF CENTRAL PENNSYLVANIA

BRICKER'S AUCTION
MEMORIAL DAY, MONDAY, MAY 28, 1990

Time: 9:15 A.M.
Location: Midway between Mechanicsburg & Rt. 11 On Rt. 114, turn onto Texaco Road, ½ mile to sale. On Rt. 81, get off at Exit 18, Rt. 114 east, 3 miles to sale.

FURNITURE

Nice 9 pc. mahogany dining room suite; 10 pc. 30's walnut dining room suite; large dry sink; pine jelly cupboard; nice dec. plank seat settee; pine schoolmaster desk; walnut 6-leg drop-leaf table w/drawer; cherry 6-leg drop-leaf table; oak C roll-top desk; set of 4 plank chairs; walnut washstand; cottage bureau; mahogany 4-leg drop-leaf table; blanket chest w/grain paint, 2 drawers; 48" dry sink w/ drawer; oak sideboard; cedar chest; small washstand; 4 half spindle plank chairs; set of 6 cane chairs; cane rocker; highchair; oak rocker; gateleg table w/drawer; oak drop-leaf table; oak-mahogany stands; foyer table; bridge lamp; antique rockers; child's rocker; cedar wardrobe & chest; copper kettle; flat trunk; antique stands & chairs; clothes tree; 24" stool; corner what-not shelf; cherry drop-leaf table; other pieces of furniture & more by sale; oak sideboard; mah. BR suite; clocks; 13 Hummel pcs.

POTTERY - CHINA - GLASS
PRIMITIVES - COLLECTIBLES

TERMS: Cash I.D. required.
Chuck Bricker, Auctioneer AU094-L
"No Children" 766-5785
No out-of-state checks.
Inspection: Sunday, May 27, 4:00-6:00 p.m.

AUCTION
REAL ESTATE
34 ACRE FARMETTE
FRIDAY, JUNE 1st

@ 5:00 P.M.

Located: Jefferson Twp. Berks Co., Pa. About 3 miles west of Bernville, Turn right onto Derr rd. just before Tulpehocken High School & Go north to farm on left 2/10 mile. From I-78 take exit #7 & follow rt. 183 South about 5 miles to stop sign, turn right & go to Derr Rd. & turn right. 15 miles N. West of Reading, Pa.

Horse Lovers or Developers. This property has woodland, stream, tillable acres. Also very suitable for building lots. This property has a 1½ story frame house, w/bath 3 bedrms, upstairs, living rm, parlor, kitchen downstairs. Property has bank barn & other buildings. Property has very much potential. Parcel #1 has 12 acres & buildings, Parcel #2 has 22 acres w/stream & woodland. **Property will be offered as Parcel 1 and Parcel 2 and then as a whole.** For appointment, call auctioneer (717) 933-5736.

TERMS OF REAL ESTATE 10% down day of sale. Bal. in 45 days or less.
Real Estate Sold @ 6:00 P.M.

CONTENTS 2 oak chairs, old 5 leg table, string of sleigh bells, ice tongs, hog scrapers, horse fly nets, cherry seeder, 8 HP Snapper riding mower, Singer sewing mach. treadle, oak dresser w/mirror, old wood bench, cast iron dinner bell, matching plank bottom chairs, cow clippers, old manual & more, ref/ freezer, kero lamp, old hay fork, foller, floor mod. radio, sad irons, washboard, old horse pitcher, push mower.

TERMS: Cash or good check.
Real Estate offered @ 6:00 P.M.
Auctioneer
Dwight D. Miller Lic. 2414
(717) 933-5736
Sale for
Jacob & Mary Meyer

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

Public Auction

Real Estate 1:00 P.M.

Saturday, June 2, 1990

Auction Conducted At Port Royal Fairgrounds, Port Royal, Pa.

Tuscarora Mountain Cottage

Located in Turbett Twnp., Juniata Co. in the village of Tuscarora, 5 mi. east of Port Royal and 6 mi. west of Thompsontown, just off Rt. 333.

Situated on approx. 1/4 acre lot bordering Tuscarora Mt. a single story frame dwelling with kitchen, dining/living room comb. full bath, 3 bedrooms, oil fired hot water heating system, sewage system and mountain water.

Borders Tuscarora Mt. Near Juniata River and only minutes from Ski Snow Peak.

Real Estate Terms: 10% down, balance in 30 days. For inspection or appointment phone 717-527-2398. Showing Dates: Saturdays, May 12th, 19th & 26th from 1:00 until 4:00 p.m.

Antiques & Collectibles Starting At 9:00 A.M.

Estate Of Maude M. Ditmer
Robert W. Ditmer
Ralph L. Ditmer
Ruth E. Cleckner, Co-Executors

Bryan D. Imes, Auctioneer
Phone 717-527-2449, AU-001656-L

BRYAN D. IMES

HAROLD & JANICE ANDREWS

Dispersal Auction

Port Crane, N.Y.

Friday, May 25, 1990 - 11:30 AM

Auction to be held on the farm on Walling Road. Use Rt. #88 to Martin Hill Road Exit, which is 13 miles east of Binghamton, cross Rt. #7 to Walling Road. Go 1½ miles to farm. Arrows off I-88.

69 - GREAT CATTLE - 69

48 Mature Cows (45 Holstein, 2 Jersey, 1 super Red Jersey). Just short of 18,000 lbs DHIA OS-AP RHA, 3.8% fat. A real super set of cows w/10 fresh, 6 due May & June; 10 due Aug thru Oct; 11 due Nov & Dec; balance in all stages. Some cows milking over 100 lbs. They are sending 60 lbs per day average at present. 21 nice Bred Heifers (20 Hol. & 1 Jersey) out of good Eastern Bulls. They are due from July thru Jan. The right kind! If you want real good replacements and Super Heifers - Don't miss this one! They are pregnancy examined, Blood & TB Tested and are eligible for immediate Interstate Shipment day of sale.

MACHINERY

MF 265 diesel Tractor w/ROPS, 16.9x30 rubber, 1,008 hrs on clock, real sharp; DB 990 Diesel Tractor, 16.9x30 rubber; JD 4 btm Semi-Mount Plows; AC 2300 Transport Disc, sharp; NH Super 717 Chopper w/Corn, Direct Cut, & Pick Up Heads; N.H. 707 3 pt. Chopper - 2 Heads, real sharp; (4) Self Unloading Wagons - Lamco 3 btr w/roof, Lamco 2 btr, & 2 Badgers; N.H. 27 Whirl-A-Feed Blower; NH 518 Spreader, older; **Barn & Silo Equipment:** Weaverline 330 Silage Cart w/Charger; 48" Barn Floor Fan, Nice; Vent-O-Matic Big Fan w/2 Thermostats & Shutters; (2) Patz Silo Unloaders - 98B's - adjustable from 16 - 20 ft, nice shape; also some small items commonly found around the farm.

P.S. - The Andrews are discontinuing milking and are selling the milking herd and bred heifers. You will find a good herd here.

Order of Sale: Small items, Machinery at 11:30, then Barn Equipment, then Cattle at 1:00.

Terms - Cash or Good Checks w/Positive ID. Nothing removed until settled for.

Lunch Available

Owners -
Harold & Janice Andrews

MEL MANASSE
Sales Managers & Auctioneers
Whitney Point, N.Y.
607-692-4540 or
toll free NYS 1-800-MANASSE

SAT. JUN. 9 - Tack 10:30AM, Horses 12:30PM, Horse Sale, at Kish Valley Dairy Sales, corner of S. Walnut St. and Front Mountain Rd., Belleville, PA.

ABSOLUTE AUCTION

NO MINIMUM - NO RESERVE
APPROVED BUILDING LOT
ZONED HIGHWAY COMMERCIAL

1.4 Acres w/Public Water & Sewer
East Wyomissing Avenue
Boro of Mohnton, BERKS COUNTY, PA
Rapidly Expanding Shillington-Wyomissing-Reading Area.

***TUESDAY, JUNE 5* at 7 PM**

DIRECTIONS: Reading Rt. 422 Bypass Rt. 222 S. Exit; S 2.7 mi to L on E. Wyomissing Ave. & 1 mi to site on left.

TERMS: 15% Deposit at Auction. 45 Day Settlement For Brochure Call
(215) 834-1854 FAX 834-1754

KENNETH A. GEYER AUCTION Co. Inc.
SUITE 202 • 641 WEST GERMANTOWN PIKE
PLYMOUTH MEETING, PA 19462 • LIC AU 3321
(215) 834-1854 • FAX 834-1754

AUCTION OF COMPLETE HORSE FARM

including

AGWAY POLE BUILDING

(80'x180' w/35' Block Addition w/30 Stalls - Complete w/Wiring, Plumbing and Lighting.)
10% Down Day of Sale w/Balance in 15 Days.

Saddlery, Riding Clothing, Jump Standards, Tack, IH Travelall w/Myers Plow, Trucks, and Many More Items. (Call 215-822-0157 For Further Details.)

For:

MEADOW LANE FARMS

Upper State Road
(Between County Line & Horsham Rds.)
Montgomeryville, Pa.

SAT., JUNE 16, 1990
AT 8:30 A.M.

INSPECTION:
June 11 - June 14 by Appt.
(Call Either 215-822-0157 or 215-368-1939)
and June 15 (12 PM - 4 PM)

RONALD D. FREED, INC.

215-822-0157
Lic. AU-001441-L

Note: No Out of State Checks Without Bank Letter of Guarantee.

THE HAFLINGER REGISTRY OF NORTH AMERICA
ALL AGE HAFLINGER

AUCTION

Coshocton County Fairgrounds
Coshocton, Ohio

SATURDAY,
MAY 26, 1990

Tack Auction @ 8:00 AM
Haflingers Sell @ 11:00 AM

50 REGISTERED HAFLINGERS SELLING 50

20 MARES - Including mares w/foals at side, young show prospects, matched pairs.

17 GELDINGS - Featuring several matched pairs and many well broke horses.

13 STALLIONS -1 aged stallion, 2 - 3 yr. olds, 3 - 2 yr. olds, 7 yearling colts.

For further information contact Haflinger Registry of North America - 14640 SR 83 - Coshocton, Ohio 43812 or call 614-829-2790.

TERMS: CASH OR CHECK
Lunch Stand
Sale Force

Steve Andrews, Auctioneer
Wooster, Ohio 44691
216-262-9186
Jake Schlabach, Auctioneer
Berlin, Ohio 44610
216-893-3358
Leroy Yoder, Auctioneer
Shipshewanna, Indiana
Andrew Miller, Auctioneer
Wooster, Ohio

Dairy and Livestock Sales

SAT. JUNE 9 - 11AM, 270 Acre +/- Farm, Along Hushon, Cook and Hollow Roads, Peach Bottom Twp., Delta, York Co., PA, Ruth M. Miller, Charlotte Varner, Trustee, The York Bank, owners, Isennock Auction Services, Inc., Aucts.

SAT. JUNE 9 - 11AM, 80 Acres of land and 5 acre wooded building lot, located along Herring Rd Pine Grove Twp, Schuylkills Co., Horning Farm Agency & Michael Smoker, Esq Agents for Seller, Horning Farm Agency, Aucts

MON JUNE 11 - 10AM, Complete Dispersion of the Windabrae PA Angus Herd, Over 550 Head, at the old Buck and Doe Run Farm, Coatesville, PA, Steve Dorran and Mike Jones, Aucts

WED JUNE 13 - 7 30PM, RE 1¾ Acres, located along Warwick Rd, from Elverson take RT. 23 E. to Rt. 345 N, left to Warwick Rd. go left to property, Warwick Twp., Chester Co., David and Susan Newton, owners, Horning Farm Agency, Inc., Aucts.

FRI. JUNE 15 - 9AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557 Diffenbach's Aucts.

FRI. JUNE 15 - 5PM and SAT. JUNE 16 - 9AM, Fine Antique Pattern and Art Class, Continental, English and Misc. China, etc, at the Farmersville Fire Hall, E. Farmersville Rd., Farmersville, Lanc. Co., PA, Verna E. Stoner Estate, T. Glenn Horst and Sons, Aucts

SAT. JUNE 16, Valuable Furniture, HH Goods and Glassware, on the premises along Kerr Rd., off the Wintersville Rd, RD 1, Richland, PA, George Moyer, owner, H.H. Leid Auction Service, John H Fry, Auct.

SAT JUNE 16, Household Goods, located along Rt 625 and Lauschtown Rd, Bowmansville, PA, John Aaron and Susie Shirk, owners, Nevin and Andrew Martin, Aucts.

SAT JUNE 16 - 8 30AM Sharp! Lifetime Collection of Antiques and Coins, Modern HH Goods, Guns, Tools, etc, located Rt 34, 3 mi N. of Gettysburg, PA to Biglerville traffic light, then turn W. onto Rt 234 3 mi. to sale in Adams Co, PA, Amby W. Harper, owner, Clair R. Slaybaugh, Auct.

SAT. JUNE 16 - 8:30AM, RE and Antiques, located 947 W. Hay St., York, PA, Estate of Naomi Waltham, Blaine and Nevin Rentzel, Aucts.

SAT. JUNE 16 - 8:30AM, Complete Horse Farm, located Upper State Rd., between County line and Horsham Rds., Montgomeryville, PA, Meadow Lane Farms, owner, Ronald D. Freed, Inc., Auct

SAT. JUNE 16 - 10AM, Modern Farm Machinery and Tools, located RD 1, Thompsontown, PA, Sarah Ann Zimmerman, owners, Bryan D. Imes, Auct.

SAT. JUNE 16 - 11AM, 36 Acre Farm, located from Parksburg take Rt. 372 W. to Limestone Rd, go S. 1½ mi. to property, Highland Twp., Chester Co., Joseph Pitch Estate, Horning Farm Agency, Inc, Aucts.

SAT JUNE 16 - 1PM, Juniata Co. Farmette, located approx. 45 mi. W. of Hbg., 1 mi. E. oc Cocolamus, Phyllis P. Nace, owner, Long's Auction Service, Aucts.

SAT. JUNE 16 - 2PM, House on 1 Acre Lot, located in Caernarvon Twp., Lanc. Co., PA, Lonny and Dixie Horst, owners, LeRoy S. and Paul W. Horst, Aucts.

SAT. JUNE 16 - 2PM, 56 Ac. Maryland Horse Farm, located E. Nobles Mill Rd., Darlington, Harford Co., Kenneth A. Geyer Auction Co., Inc., Aucts.

THURS. JUNE 21 and FRI. JUNE 22, Large Two Day Sale of Farm Equip., at Marion, PA, Ralph W. Horst, Mgr.

THURS. JUNE 21 - 9AM, FRI. JUNE 22 - 9AM and SAT JUNE 23 - 9AM, Great 3 Day Auction, Auto Parts, Commercial and Mechanics Tool Shop, RE, etc., on Center Square, Lehighton, PA, Charles Norman Lusch Estate, J. Omar Landis Auction Service, Aucts.

FRI. JUNE 22 - 10AM and SAT. JUNE 23 - 9AM, 2 Day Antique Auction, Also Farm Related Items, located Main Street, Fredericksburg at the West end of town, go North on Mechanic St. 1 mi and bear right onto Mountain Dr., go only ¼ mi on Mountain Dr and turn right onto the farm lane, Guy J Daub and Iva J. Moyer, Elsie M. Wells, owners, Ebersole and Shoop, Aucts.

SHORT NOTICE HORSE SALE

SPECIAL DRIVING HORSE SALE
FRIDAY EVENING JUNE 1, 1990

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Tack 6 P.M. Horses 7 P.M.
Horses Hitched 12:00 Noon

Several load standardbreds from regular shippers.

SPECIAL MENTION-
1 load saddlebreds from Kentucky. Acclimated and ready for the road.

For more information call:
Norman or David Kolb- 61L
717-354-4341 Barn Home 717-397-5538
Next Horse Sale July 6, 7 P.M.

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES

Also
RIDING & SLAUGHTER HORSES
SATURDAY, MAY 26, 1990
10:00 A.M: Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 555 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360
Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers

Terms: Cash **Trucking Available** **Restaurant Open**

FARMERSVILLE AUCTION

TUES., MAY 22, 1990

1:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

House lots from Landisville & Harrisburg, plus additions.

Ethan Allen maple hutch, red & black Mediterranean hide-a-bed, 8 HP riding mower, '77 Yahama 650 motorcycle, pine bar; etc., etc.

See Lanc. Newspaper Sat., May 19 for listing.

WE SELL ON COMMISSION

Call JOHN J. RUTT
(717) 354-5095

Auctioneer: Larry Rutt
AU-2455-L

Consignments being accepted for our Memorial Day Antique & Collectibles Auction on Mon., May 28.

CLARK DISPERSAL

Located off Rte. 328 in Millerton, Pa., on the north road, 4 miles from Millerton, 6 miles from Lawrenceville, Pa. 10 miles from Elmira, NY. Watch for auction arrows in Millerton & off Rt. 15, 2 miles south of Lawrenceville.

WEDNESDAY, MAY 23 at 10:30 Sharp

92 - Reg. & High Grade Holsteins - 92
8 Reg. - 86 Hi Grades

Herd consists of 90 cows & 2 hfrs., sold all calves & hfrs. last fall. Interstate tested, preg. ex. charts day of sale.

1-17-90 R.H.A. 15053M 3.5T 525F 3.2P

Some Features:

Barn #44 - 84 lbs. for tester. Last lactation 316d 21,288m 657f; Barn #158 - 76 lbs. for tester, proj. for 16,039m 585f; Barn #89 - 70 lbs. for tester, proj. for 17,994m 612f; Barn #121 - 81 lbs. for tester, proj. for 15,977m 541f; Barn #131 - 74 lbs. for tester, proj. for 15,024m 507f; Barn #165 - 65.5 lbs. for tester, proj. for 17,290m 568f; Barn #183 - 65 lbs. for tester, proj. for 17,137m 574f; Barn #2 - 50 lbs. of 4.7 for tester, due 8-28, proj. for 20,000m 818f; Barn #172 - 50 lbs. of 3.9 for tester, proj. for 15,657m 578f; Barn #154 - 77 lbs. of 3.8 for tester, proj. for 15,998m 565f; Barn #22 - 90 lbs. for tester, proj. for 18,737m 634f; Barn #117 - 63 lbs. of 4.2 for tester, proj. for 18,486m 736f; Barn #177 - 69 lbs. of 3.7 for tester, proj. for 18,503m 608f.

Machinery

Allis Chalmers HD20 dozer; AC Gleaner self propelled combine w/ cab, air & heater Model N6 w/6 row narrow corn head & 16' grain head hydrastatic drive; White Field Boss 4 150 articulated 4 wheel drive diesel trac, w/3208 cut engine cab, air & radio 20.8-38 tires; Oliver 1650 gas trac. 16.9-34 tires; Oliver 770 gas trac new rubber; Gehl 750 chopper w/2 row corn & pickup heads nice; Gehl 600 chopper w/2 row corn & pickup heads; Gehl 99 blower; Gehl 315 Scavenger 11 spreader nice; 2 Gehl 640 SU boxes & gears; Gehl gear; NH 357 grinder mixer; NH 519 spreader; White 5100 6 row planter real nice; White 6 bottom 18" semi mount plows; White 508 5 bottom semi mount plows; White 271 transport 22' foldup disk; Knolls 22' transport harrows; Lamco SU box 3 beater w/roof; Stoltzfus TV2 OH5 wet line spreader; NI 45' elev., 14' cattle trailer; 2 feeder wagons & gears; feeder rack no gear; elec. wheel gear; 3 pt. fertilizer spreader; 15 ton grain bins; gravity box & gerr, Wic bedding chopper.

Sales Mgr. Note: The Clarks are keeping their haying equipment, all other equipment sells as you can see by the listing. This is a real good line of equipment, big framed cows that are a little over condition. Cows that will go home & milk more w/a proper diet. Reserve this date, no small items so be on time. Selling order 10:30 machinery, cattle approx. 12:00.

Terms: Cash or good check.

Lunch Available — Sale under cover

Owner **SHARLENE CLARK**
607-524-6752

Auctioneer Art Kling Lic. #500
Sales Mgr. Gordon Wood, Mansfield, PA
Phone 717-549-4901

For the most in advertising coverage & preparing your sale call Woods Auction Service.

Sale Manager:
WOODS AUCTION SERVICE
GORDON WOOD RD 2 MANSFIELD PA 16933
Ph 717 549 4901

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FRI JUN. 22, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SAT. JUNE 23, Antiques and Collectibles, located Port Royal Community Bldg., Port Royal, PA, Olive M. Foltz, owner, Bryan D. Imes, Auct.

SAT. JUNE 30 - 9AM, RE, HH Goods, Antiques, Shop Tools and Shop Equip., located 24 N. King St., Jonestown Boro, Lebanon Co., PA, Edgar W. Brandt Estate, Ebersole and Shoop, Aucts.

SAT. JUNE 30 - 9:30AM, HH Goods and Antiques, located 3 mi. S. of New Holland, turn S. off Rt. 23 between Leola and New Holland on Peters Rd., 3 mi. to sale, Leacock Twp., Lanc. Co., PA, Amos Mull, Jr., owner, Robert E. and Jeffrey R. Martin, Aucts.

SAT. JUNE 30 - 10AM, 13 Acres, 4 bdr. Dwelling, located Midway between Klingerstown and Pitman in the Village of Hepler, Upper Mahantongo Twp., Schuylkill Co., PA, James M. Masser, owner, Mike and George Deibert, Aucts.

SAT. JUNE 30 - 10AM, RE-Large Stone Home, located ½ mi. S. of Rt. 30 from Paradise Mennonite Church, 10 mi. E. of Lanc. at 38 Cherry Hill Rd., just south of Paradise, Lanc. Co., PA, Bertha M. Shirk, owner, Diffenbach's Auction, Aucts.

JULY

FRI. JULY 6 - 7PM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

FRI. JULY 13, State Graded Feeder Pig Sale, Exit 12 Eat off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. JULY 13 - 9AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557.

WED JULY 18 - 11AM, Clover Leaf-Reg. and High Grade Holstein Dispersal, 70 Milk Cows, March Daily Prod. 75.3 lbs., DHIA RHA 21,198M, 766F, 15 Springing Heifers, Kennedyville, MD, John Z. and Naomi Stoltzfus, owners, Henry Kettering-Pedigrees, Steve and Steve, Jr. Petersheim, Aucts

TUES. JULY 24 - 9AM, Quilts, Crafts & Buggies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557.

FRI. JULY 27, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

AUGUST

SAT AUG 4 - 9AM, Annual Amish Parochial School Benefit Sale, New Quilts, Handmade Wooden Items, Tools, HH, Fresh Produce, & Misc, located near Village of Center along Old Rt. 22, Bryan D. Imes, Auct

Dairy and Livestock Sales

FRI. AUG. 10, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4551.

FRI. AUG. 10, Chester County 4-H Pig Show, at New Holland Sales Stables, Inc., New Holland, PA

FRI. AUG. 10, Complete Registered Milking Herd and Select Heifer Dispersal, located RD 3, Mifflinburg, PA, Abner and Anna Glick, owner, Kling's Auctions, Inc., Sale Mgrs.

SAT. AUG. 11 - 10AM, Chester Co. 4-H Pig Sale at New Holland Sales Stables, Inc., New Holland, PA.

FRI. AUG. 17 - 9AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

FRI. AUG. 24, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

TUES. AUG. 28 - 6PM, Guns of all descriptions. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Auct.

SEPTEMBER

SAT. SEPT. 1, 1st Annual Fall Farm Machinery Consignment Auction, at Kling's Sale Barn, Landisburg, Perry Co., PA, Kling's Auctions, Inc., Aucts.

Complete Herd Dispersal

At The Shady Lane Dairy Sales Inc., 1/4 Mile West Of Quarryville, PA, Off Rt. 372 On Oak Bottom Rd.

Friday Night, May 25, 7:30 DST

105 • HEAD REGISTERED & HI GRADE HOLSTEINS • 105

Complete Herd From Bedford County Consists Of Fresh, Springing And Bred Cows For Summer And Fall Freshening. Nice Young Herd.

25 Cows Picked From Upstate PA. All Dry Or Due June, July, Aug., Sept. Our Pick.

10 Fancy Young Cows All Right Fresh Or Close From Virginia. You Will Like These.

(1 Load Of Cows From Connecticut)

SPECIAL OF SALE

15 Right Fresh Cows From Herd From Maryland
4 Cows Milking In The 100 Lb. Per Day. Many In 80-90 Lb.
Some Of The Best.
3 Nice Red/White Cows

Shady Lane Dairy Sales Inc.
Quarryville, PA

Phone:

Glen 1-717-786-2750
David 1-717-786-1725

MAR LEE ANGUS

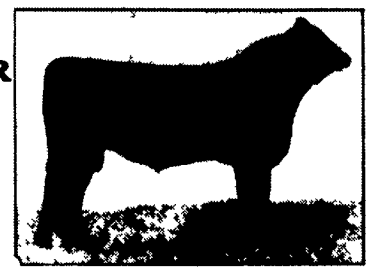
"STAR SEARCH SALE" VOLUME III

Atlantic National Weekend
Friday Evening, May 25, 1990
7:00 P.M.
At The Farm, New WOODSBORO, MD.
(Just One Hour From The Atlantic Natl. Showgrounds- 6:00 P.M. Refreshments & Dinner)

SELLING: 50 Selected Lots
8 Service-Age Bulls
42 Females, many with calves at side

BROADWAY

THE GUEST OF HONOR
SEE HIM AT HIS
Birthplace
Twice All-American Futurity
Supreme Champion
National Western Grand
Champion



Flash!

SEE BROADWAY'S MOTHER ALSO, GUNSTON NINA

Embryos Sell From Her, Sired By HOFF HI SPADE and the Reigning Denver Grand Champion GAMBLER.

- Guest consignments from Eyler Stock Farm and Angela Johnson.
- A daughter of New Yorker, out of Broadway's dam, with a heifer calf at side by Prompter, rebred to Hi Spade.
- J&R Lady Diana 1326 with a calf at side by Broadway.
- A High Voltage daughter out of the many time champion, Mar Lee Miss Wheels 203.
- A daughter of Royalty from the famous Gallagher Jestress family.
- A daughter of Premier Independence with a heifer calf at side, rebred to Broadway.
- Ten descendants of the famous FFF Miss Blackbird, the sensational PS Power Play daughter at Mar Lee and the dam of Parkers Miss Blackbird.

For your free MAR LEE STAR SEARCH reference catalog, contact:
Tom Burke/Dick Beck/Bill Bowman, Sale Managers
AMERICAN ANGUS HALL OF GAME, Smithville, MO 64089
(816) 532-0811
Auctioneer: Col. Mike Jones

Mar Lee Angus

Gravel Hill Road WOODSBORO, MD 21798
Lee E. Miller, D.V.M., Owner (301) 898-7272
Mike Davis, Farm Manager (301) 845-6746

MILK FAT PROTEIN

Short Notice Sale

Attention Jersey Breeders

West Wind Farm Reg. Jersey Herd Dispersal

Reg. Jersey Milking Cows - Open & Bred Heifers
For Karen Corey & children, Sagertown, Pa. Crawford Co.
To be held at Smoketown Quality Dairy Sales, Smoketown, PA Rt. 340.

TUESDAY, MAY 22, 1990 8 p.m. D.S.T.

This is a top group of fancy Jersey Cows and Heifers. This is a certified & accredited herd. Heifers are calfhood vac and some cows. 5 years ago herd avg. 13,606m 708F. Now over 12,000m 4.8% Fresh cows milking 60-70 lbs. Herd Avg. over 50 lbs. 10% 2 yr. olds.

Magic (Fancy) Forest Midnight - Fresh Feb. 17 - 70 lb. Bred to Top Brass Son
4 yr. 18,992m 728f 596 pro.
+6167m over herd mate — +130F +136 pro.f.

Dtr. Lady - Top Brass Dtr. Just Fresh - 60 lb.
+1233m +169 over herd mate
2 yr. 11007m 448f 384 pro. f.

Carla (fancy) Top Brass Dtr., Due Aug. 31 to Lee (Duncan son)
13,686m 5.17% f 4.45% pro. f.

Dtr. Carmmali - due July to Ruben (Reliance Son)
Night - Pomey Fredrick - Due Dec. to Brass Bucket
10,886m 5.1%f 4.1% pro. f.

Dtr. Ninta - Soldier Boy (Son) Due July
2 yr. 9662m 4.8%f 3.8% pro. f.

Happy - Pompey Fredrick - due July - Buzz - Home Bell

Dtr. Holly - West Wind Buzz - 10,179 m 5.1% 3.8% pro. f.

Dtr. Home - West Wind Buzz - Fresh 2 wks - 65 lbs.

Jill - Reg. Sun Valley Quicksilver Fame
305 10332 m 5.1% f
Due Aug. 2 - W.F. Top Justice

Best - Tenn. Solider Pride - Due July 10 to (Duncan Son)
13,767m 4.0% 3.6% pro

Hetta - Solider Boy - Bred to Valley Stream Silver Beacon
Smokey Hill - 305-9343 - 5.0% f to 5.9% f - 3.8% pro

Other Sires 2-Star General - 1-State 78
Justice - Reg. Walebe Justice - Due July 23 - Resolve - E.T.
Dam - Advancer Sleeping Milestone
Innoculated for shipping fever - with Haemophlilus Sommus

For Information Call Karen 1-814-398-8083

Reg. & Grade Jerseys, Bred & Open Heifer Dispersal

From Bradford Co.

• SHOW PROSPECTS FOR 4-H CHILDREN & CLUB SALES •

Group of Fancy Registered and Grade Jersey Heifers from a Herd Dispersal, Some Vacc.

E-30 - Reg. Trixiy Trumpcard of Double J. Born 12-22-88. Dam - Celias Master of Fallneva - 10,373 4.9 510

E-31 - Reg. Kirkland Equity Patsy - Born 12-22-88. Dam - Ogston Zers Equity - 7,937 3.8 312 Inc.

E-32 - Reg. Bold Venture - Born 1-20-89. Dam - Acacia Acres Silver Soldier.

E-38 - Reg. Molly Brook Legeneds Progress - Born 11-8-87 - Vacc. Due 7-23-90 to Resolve. Dam - Advancer Sleeping Milestone.
11,167 4.9% 3-9 pro., 1st test 5.4%, 2nd test 5.0%

E-42 - Reg. - Fairweather Count - P-ET - Born 5-9-88 - Vacc.
Dam - Fanfare Marlu -
11,276 4.4 497
Bred 5-15-90 to Meadow Lawn J. Imperial - #2 Type in Canada - +10M +.09%F +.05%P +8 Type

E-28 - Grade - Magic Douglas - Born 3-13-89. Dam - Scotch View Generator Jupiter - 7,239 inc. 4.8%

E-29 - Grade - Trixies Trumpcard of Double J.- Born 1-3-89. Dam - Maplelawn Silver Aaron - 10,220 4.1% 435

E-36 - Grade - Sire Grade Bull - Vacc. 6-17-88. Bred 5-14-90 to Silver Beacon.
354M +.33%F 60 lb. F +.09%P 24 lb. P $+133MFP 98% Rel. Dam - Shadewell Fascinater -
13,196 5.0 666

E-37 - Grade - Brass Bourbon - Born 3-23-88 - Vacc. Bred 5-14-90 to Silver Beacon - 354M +.33%F 60 lb. F +.09%P 24 lb. P $+133MFP 98% Rel. Dam - Scotch View Generator Jupiter - 7,239 4.8 inc.

E-40 - Grade - Mills Duncan - Born 9-1-88 - Vacc. Dam - 9,730 4.5 430 inc.

Reg. Jersey Bull (Born 6/3/88)
Sire: Head Spring Dam: Valley View Mercury Mabel
Her Sire: Wilrich Mercury - 16,283 4.7 765

Also 1 Load of Top Holstein Cows & Heifers. Some out of a Holstein Dispersal - Fresh & Springing Cows.

1 Good Reg. Holstein Bull - Ready for Service

SALE MANAGED BY
SMOKETOWN DAIRY SALES INC.
Gordon & Helen Fritz
Phone 393-0930

Dairy and Livestock Sales

TUES. SEPT. 4 - 6PM, Lawn Mowers & Garden Equipment. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

FRI. SEPT. 7 - 7PM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

FRI. SEPT. 7 - 9AM, Annual Fall Machinery Sale, at the Belleville Livestock Mkt., Belleville, PA, Glick, Gibboney, Gilligan, Aucts.

FRI. SEPT. 14 - 9AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

SAT. SEPT. 22 - 10AM, Fall Heifer Sale, New Holland Sales Stables, Inc., New Holland, PA.

TUES. SEPT. 25 - 6PM, Guns of all descriptions. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

OCTOBER

WED. OCT. 3, Annual Dairy Show and Sale, Show at 9:30AM and Sale at 12Noon, at the Belleville Livestock Mkt., Belleville, PA, Mark Glick, Auct.

SAT. OCT. 6 - 9AM, Camp Deer Park Benefit Auction. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

FRI. OCT. 12, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI OCT. 12 - 9 AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

TUES. OCT. 23 and WED. OCT. 24 - 9AM both days, Quilts, Crafts, & Buggies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

FRI. OCT. 26, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SAT. OCT. 27, Support for Prison Ministries Annual Benefit Auction, at Farmersville Auction, Glenn Hoover, Chairman, Local Auctioneers.

WED. OCT. 31 - 9AM, Dairy Show & Sale, New Holland Sales Stables, Inc., New Holland, PA.

RAYMOND E. ANTHONY DAIRY SALE

Registered & Grade Holsteins
FRIDAY EVENING, MAY 25, 1990
AT 7:45 P.M.

Sale to be held at Raymond E. Anthony Dairy Sales located Southwest of Meadville, Pa.

FROM THE NORTH: Follow Rt. 19 south from the intersection of Rt. 322. Turn onto Carr Hill Rd. Watch for signs.

FROM THE SOUTH: Go north on I-79 to Exit 35. Follow Rt. 19 north approximately 3.7 miles. Turn left onto Bailey Rd. Watch for signs.

* * * * * * **SELLING** * * * * * *

MIMI: V.G., Ex. udder sired by Mars Tony. Mimi made 3 yr. 343 22,271 3.6 748 3.2 712. Her G.P. Bell dam made 2-03 365 24,500 3.9 962 3.6 878. Her Ex. Granddam made 4-10 365 29,210 3.6 1053. And her 3rd Dam is the Dam of the All Time American Ella with 7-07 365 48,731 4.2 2028. Mimi was fresh in Jan. and is safe in calf to Leadman. She is still milking over 100 lbs.

FORNIA: This P-9 Dtr. of Starbuck sells due in Sept. to Trifecta. Her V.G. Valiant dam made 3yr. 3-5 21,290 3.8 814 3.4 717. Her Ex. Granddam made 6 yr. 305 22,580 3.9 887 3.4 768.

EMPRESS: This V.G. Dtr. of Marc sells fresh milking well. She made 4 yr. 356 24,510 4.2 1030 3.2 795. Her Ex. 94 Valiant dam made 7 yr. 365 31,190 3.3 1018 3.2 1007. Her V.G. Elevation Granddam made over 26,000. Her Ex. G.M. 3rd Dam made over 30,000 and her Ex. G.M. 4th Dam made over 40,000.

FRANCINE: Sired by Warden, her dam is an Ex. 95 Fond Matt with over 25,000. Her Granddam is also Ex. with over 23,000. Fran was fresh in Sept. and bred back in Dec. to Dale. She will show as a 2 yr. old. Fresh with her 2nd calf at 2-11 she is making over 17,000 with a 3.8 test. Fran has 3 Ex. Maternal Sisters.

RACHEL: This Ex. 4 yr. old Dtr. of Valiant sells due in June to Logic. She made 3 yr. 365 23,780 3.6 845 3.2 758. She is over 60 inches and will show as a 5 yr. old. Her dam is a V.G. Elevation and her Granddam is a V.G. Astronaut.

JOYCE: Sired by Royalty, sells fresh. Her Ex. Dam made 184,430 4.5 8,346 lifetime.

TERESA: Sired by Levi, sells due in July to Royalty. Her dam was V.G. 87 with an Ex. udder and sold for export as a 2 yr. old. Her Ex. 93 Elevation Granddam made 6 yr. 357 25,890 5.1 1321. Her V.G. 88 3rd Dam made 216,800 3.6 7,778 lifetime.

NOLA: Sired by Conductor sells fresh. Her Ex. 94 dam by Sexation made 5 yr. 365 29,960 4.4 1323. Her Ex. 94 Granddam made 6 yr. 365 37,470 5.0 1869. She is the dam of Dreamstreet Home Run Ex. Her 3rd Dam made 7 yr. 365 41,390 4.2 1731. She is the Dam of Dreamstreet Odyssey Ex. 95.

MOCA: Sired by Starbuck, sells fresh milking over 60 lbs. Her Ex. Elevation dam made over 20,000 and her Ex. 96 G.M. Fond Matt Granddam made over 27,000.

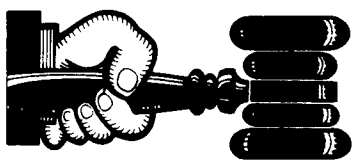
TONY DI: Sired by Mars Tony, Sells fresh in Nov. and bred back to Trifecta in Jan. Her Ex. 95 Astronaut dam made 2 yr. 265 27,172 3.8 1020. Her Granddam was V.G. with 5 yr. 305 22,310 4.1 904.

All cattle will be TB and Bangs Tested.
Terms: Cash, Known Check, or check with letter of credit from addressed to R.E.A. Dairy Sales with Expiration Date.
Lunch available.

Sherman Allen
AU-1620-L

Howard Hammond

SALE MANAGED BY:
RAYMOND E. ANTHONY DAIRY SALES
R.D. #4, 823 Hager Rd., Meadville, Pa. 16335
814-336-1936 or 336-1937
FAX: 336-5000



AUCTIONEER'S DIRECTORY

HORNING
Farm Agency, Inc.

MLS

Alvin Horning — *Bus. (215) 286-5183*
Merle Eberly — *Res. (215) 775-3745*
Alpheus L. Ruth ..... Res. (215) 944-7543
Real Estate • Auctions • Appraisals

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

B&W
BACHMAN WEILER
AUCTION SERVICE

PUBLIC AUCTIONS

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R. Louis Weiler, Auctioneers
AU-0032L — AU-1283L
627-4270

ELTON HORNING FARM AGENCY

REAL ESTATE - AUCTIONEER
MORTGAGE BROKER - APPRAISALS

RON & BOB BARD
717-786-1146 — 717-786-4246

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717-733-1006

LLOYD H. KREIDER
AUCTIONEER
717-786-3394

ROY E. GOOD, JR.
AUCTIONEER
215-445-4309

Public Auction Register

NOVEMBER

FRI. NOV. 2 - 6PM, 300-400 Heifers, All Sizes, located at the Belleville Livestock Mkt., Belleville, PA, Mark Glick, Auct.

FRI. NOV. 9, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. NOV 9 - 9AM, Farm Equipment & Supplies. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa. 17557. Diffenbach's Aucts.

FRI. NOV. 23, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SAT. NOV. 24 - 9AM, Toys, Crafts, Gifts, & Tools. Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., New Holland, Pa 17557 Diffenbach's Aucts

December

FRI DEC 14, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI DEC 28, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

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Heifer Sale Starts At 11:00 A.M.
Fresh Cows & Springers At 12:00 Noon

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16 head springing heifers with size from one herd, calfhood vaccinated.

Also
* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Bob Kennedy.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
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Norman Kolb, Pres. **717-397-5538** **David Kolb, V. Pres.**
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We have over 500 Head of quality Holstein purebred & grade Fresh & Springing cows on hand.

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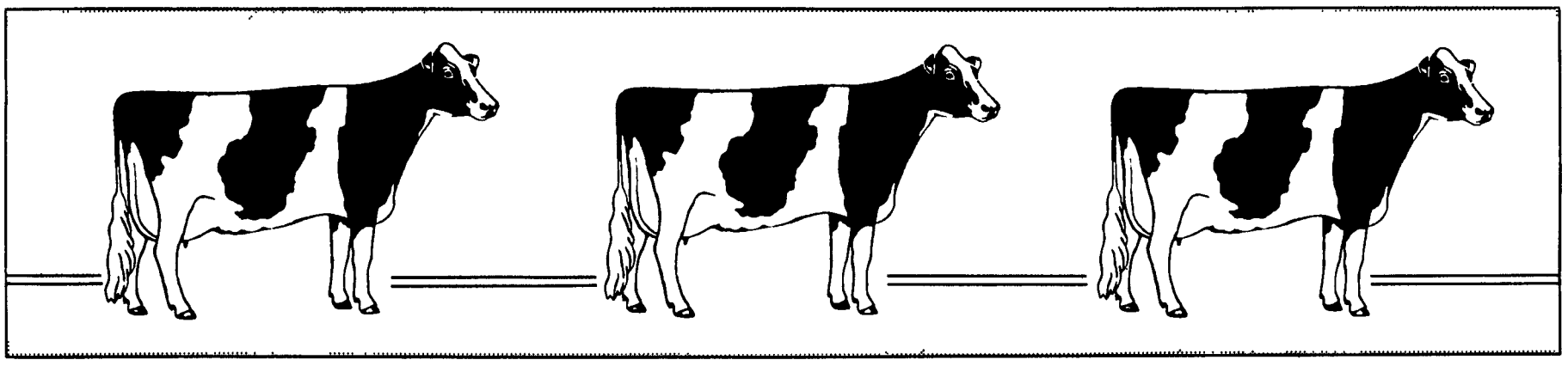
25 • Heifers Due June & July.
30 • Open Heifers.

Watch for next week's ad featuring 2 herds with a lot of Fall cows due for base $ ...



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- GRADE FRESH COWS
- GRADE SPRINGING COWS
- PUREBRED FRESH COWS
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- GRADE FRESH HEIFERS
- GRADE CLOSE SPRINGING HEIFERS
- PUREBRED FRESH HEIFERS
- PUREBRED SPRINGING HEIFERS
- GRADE STOCK BULLS
- PUREBRED STOCK BULLS
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Next Monthly Auction
Thur., June 7, 1990, 7:30 P.M.
• 150 HEAD •

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PRIVATE SALES DAILY
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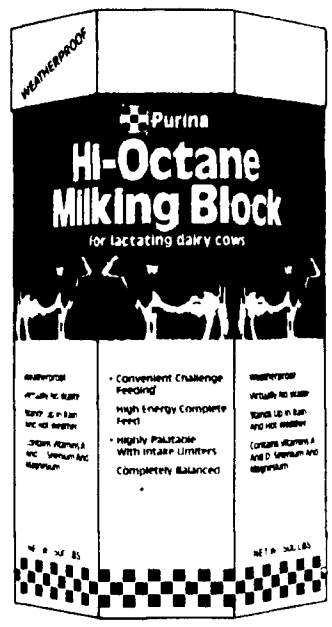

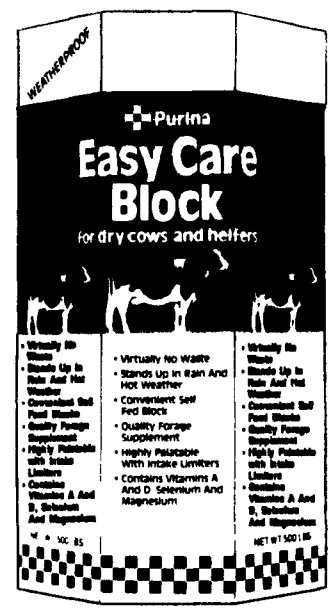
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• Convenient Self Fed Block
• Quality Forage Supplement
• Highly Palatable With Intake Limiters
• Contains Vitamins A And D Selenium And Magnesium

is a 22% protein block formulated specifically as a feeding supplement for dry cows and heifers. Available in 50 and 500 lb. blocks.

- **A High-Energy Complete Feed**
  for increased milk production and persistency. Contains enough nutrients to provide two pounds of milk per pound of consumption.
  Can help reduce weight loss during lactation and improve breeding efficiency. It is 30% higher in energy than former Purina Dairy Sup-R-Block.
- **Completely Balanced**
  Offers advantages associated with additional balanced ration without additional labor or equipment. Results in better digestion and more efficient use of nutrients.
- **Block Form**
  Convenient and easy to feed. Compliments any feeding system.
- **Weatherproof**
  Rain rolls right off it, the sun can't melt it and snow and cold won't cause it to break down. The cows get it all!
- **Palatable - with Intake Limiters**
  Molasses makes it highly palatable but intake limiters prevents over consumption when fed as recommended.
- **Contains Vitamins-Minerals-Selenium and Magnesium**
  Meets Vitamin A and D requirements of dairy cows when fed as recommended. Provides Selenium and Magnesium known to aid in reproductive performance and in the control of grass tetany.

- **Weatherproof**
  Like its companion product, Easy Care Blocks stands up to all kinds of weather, so waste is minimal.
- **Highly Palatable - with Intake Limiters**
  Molasses-based for palatability but contains intake limiters to prevent over consumption when fed as recommended. Dry cows and heifers get what they need - no more, no less.
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  Supplements forages to provide the balanced nutrition important to dry cows and heifers. Easy Care Block is formulated specifically to the nutrient requirements of dairy dry cows and heifers.
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  Saves both time and labor — especially on hard to reach temporary pastures
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